

### **A study of wear of superhard material wheels in gear grinding**

Ryabchenko, Sergey V. International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 109-110

### **Abrasion-erosion wear of powder coatings**

Kulu, Priit; Zimakov, Sergei Abstracts of 12th International Conference on Wear of Materials, April 25-29, 1999, Atlanta (Georgia), USA 1999 / p. 37

### **Abrasive erosion of ductile and brittle materials**

Järvpõld, Neeme Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 50-56: ill

### **Abrasive erosion of powder materials**

Kallas, Paul 1996 [http://www.ester.ee/record=b1070451\\*est](http://www.ester.ee/record=b1070451*est)

### **Abrasive erosive wear of powder steels and cermets**

Veinthal, Renno; Tarbe, Riho; Kulu, Priit; Käerdi, Helmo Wear 2009 / 11, p. 1838-1844 : ill

### **Abrasive impact wear and surface fatigue wear behaviour of Fe-Cr-C PTA overlays**

Veinthal, Renno; Sergejev, Fjodor; Zikin, Arkadi; Tarbe, Riho; Hornung, J. 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts 2013 / [p. 98]

### **Abrasive impact wear and surface fatigue wear behaviour of Fe-Cr-C PTA overlays**

Veinthal, Renno; Sergejev, Fjodor; Zikin, Arkadi; Tarbe, Riho; Hornung, Johann Wear 2013 / p. 102-108

<https://www.sciencedirect.com/science/article/pii/S0043164813000999> <https://doi.org/10.1016/j.wear.2013.01.077> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Abrasive impact wear of WC-Co and TiC-NiMo cermets**

Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei; Tarraste, Marek Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 621-626 : ill

[https://www.researchgate.net/publication/286139638\\_Abrasive\\_impact\\_wear\\_of\\_WC-Co\\_and\\_TiC-NiMo\\_cermets](https://www.researchgate.net/publication/286139638_Abrasive_impact_wear_of_WC-Co_and_TiC-NiMo_cermets)

### **Abrasive impact wear resistance of hardfacings**

Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Simson, Taavi European Conference on Heat Treatment and 22nd IFHTSE

Congress : Heat Treatment and Surface Engineering from tradition to innovation : Venice (Italy), 20-22 May 2015 2015 / [9] p. : ill

### **Abrasive impact wear: tester, wear and grindability studies = Abrasiivlöökkulumine: seade, kulumise ja jahvatatavuse uuringud**

Tarbe, Riho 2009 <https://digi.lib.ttu.ee/i/?435> [https://www.ester.ee/record=b2499200\\*est](https://www.ester.ee/record=b2499200*est)

### **Abrasive wear and erosion of titanium carbide based cermets**

Pirso, Jüri; Kübarsepp, Jakob EURO PM'99 : European Conference on Advances in Hard Materials Production : Turin, Italy, November 8-10, 1999 : proceedings 1999 / p. 423-428: ill

### **Abrasive wear and mechanical properties of carbide composites**

Kübarsepp, Jakob; Klaasen, Heinrich; Roosaar, Tõnu; Annuka, Harri 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 56-57 : ill

### **Abrasive wear energy**

Kallas, Paul Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 26-35: ill

### **Abrasive wear energy of powder materials**

Kallas, Paul; Pirso, Jüri Materials Engineering - 96 : materials of VI-th International Baltic Conference 1996 / p. 34-37: ill

### **Abrasive wear of chromium carbide based cermets**

Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei Tribologia : Finnish journal of tribology 2008 / 2/3, p. 23-32 : ill

### **Abrasive wear of chromium carbide based cermets**

Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10-13 June, 2008 2008 / ? p

### **Abrasive wear of Cr3C2 base cermets**

Pirso, Jüri; Viljus, Mart; Kübarsepp, Jakob; Hussainova, Irina Abstracts of papers from 2nd World Tribology Congress 2001 / p. 158

### **Abrasive wear of Cr3C2 base cermets [Electronic resource]**

**Pirso, Jüri; Viljus, Mart; Kübarsepp, Jakob; Hussainova, Irina** WTC 2001 : 2nd World Tribology Congress : Vienna, Austria, 03-07 September 2001 / [4] p. : ill. [CD-ROM]

#### **Abrasive wear performance of carbide based composites**

**Kübarsepp, Jakob; Klaasen, Heinrich; Roosaar, Tõnu; Viljus, Mart; Traksmas, Rainer** Proceedings of European Powder Metallurgy Congress : EURO PM2007 : Toulouse (France), 15-17 October 2007. Vol. 1 2007 / p. 221-226

#### **Abrasive wear performance of carbide composites**

**Klaasen, Heinrich; Kübarsepp, Jakob** Wear 2006 / p. 520-526 : ill <https://doi.org/10.1016/j.wear.2005.12.004>

#### **Abrasive wear powder materials and coatings**

**Kulu, Priit; Tarbe, Riho; Vallikivi, Ahto** Materials science = Medžiagotyra 2005 / p. 230-234 : ill

#### **Abrasive wear resistance of hardmetals**

**Pirso, Jüri; Liiskmann, Guido; Suominen, Sauli** International Conference "Novel Processes and Materials in Powder Metallurgy" : PM-97 : November 24-28, 1997, Kiev : abstracts 1997 / p. 323

#### **Abrasive wear resistance of powder composite materials : characterization and prediction**

**Veinthal, Renno; Kulu, Priit; Pirso, Jüri; Käerdi, Helmo; Tarbe, Riho** Tribology 2008 : proceedings of the 9th International Tribology Conference : University of Pretoria, South Africa, 2-4 April 2008 2008 / p. 1.3(1)-1.3(10)

#### **Abrasive wear resistance of powder composites at abrasive erosion and abrasive impact wear**

**Kulu, Priit; Veinthal, Renno; Käerdi, Helmo; Tarbe, Riho** Materials science 2008 / p. 328-332 : ill

#### **Abrasive wear resistance of powder composites at AEW and AIW**

**Kulu, Priit; Veinthal, Renno; Käerdi, Helmo; Tarbe, Riho** 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers 2008 / p. 62

#### **Abrasive wear resistance of recycled hardmetal reinforced thick coating**

**Kulu, Priit; Tarbe, Riho; Zikin, Arkadi; Sarjas, Heikki; Surženkov, Andrei** Engineering materials and tribology 2013 / p. 185-190

#### **Abrasive wear resistance of the composite Fe alloy - recycled hardmetal based HVOF sprayed coatings**

**Surženkov, Andrei; Sarjas, Heikki; Mikli, Valdek; Tarbe, Riho; Vallikivi, Ahto; Kulu, Priit** Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 24

#### **Abrasive wear resistance of TiC-NiMo cermets**

**Pirso, Jüri; Kübarsepp, Jakob** International Conference Balttrib'99 : 21-22 September 1999, Kaunas, Lithuania : proceedings 1999 / p. 200-205: ill

#### **Abrasive-erosive wear of thermally sprayed coatings from experimental and commercial Cr3C2-based powders**

**Sarjas, Heikki; Surženkov, Andrei; Juhani, Kristjan; Antonov, Maksim; Adoberg, Eron; Kulu, Priit; Viljus, Mart; Traksmas, Rainer; Matikainen, Ville; Vuoristo, Petri** Journal of thermal spray technology 2017 / p. 2020-2029 : ill <https://doi.org/10.1007/s11666-017-0638-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Abtragverschleiss von Metallen**

**Beckmann, Gottfried; Kleis, Ilmar** 1983 [https://www.ester.ee/record=b1733823\\*est](https://www.ester.ee/record=b1733823*est)

#### **Adaptation of Laboratory tests for the assessment of wear resistance of drill-bit inserts for rotary-percussive drilling of hard rocks**

**Saai, Afaf; Bjorge, Ruben; Dahl, Filip; Antonov, Maksim** Wear 2020 / art. 203366, 10 p. : ill <https://doi.org/10.1016/j.wear.2020.203366> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Adaption of a non-linear deformation model for the erosion behaviour of ceramics**

**Pappel, Toivo; Järvpõld, Neeme** International Conference Balttrib'99 : 21-22 September 1999, Kaunas, Lithuania : proceedings 1999 / p. 274-280

#### **Adaptive wear mechanisms of diamond coatings at room and elevated temperatures = Teemantpinnete adaptiivkulumise mehhanismid toa- ja kõrgendatud temperatuuridel**

**Yashin, Maxim** 2019 <https://digikogu.taltech.ee/et/Item/6cb35baa-eb31-42e2-8134-3235c7f796ef> [https://www.ester.ee/record=b5283072\\*est](https://www.ester.ee/record=b5283072*est)

#### **Adhesion wear performance of carbide-base composites**

**Roosaar, Tõnu; Kübarsepp, Jakob; Klaasen, Heinrich; Viljus, Mart** Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10-13 June, 2008 2008 / [10] p

#### **Adhesive wear behaviour of carbide composites and tool steels**

**Annuka, Harri; Klaasen, Heinrich; Kübarsepp, Jakob;** Suvi, Vahur Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 175-176 : ill

**Adhesive wear behaviour of hardalloys**

**Klaasen, Heinrich; Kübarsepp, Jakob; Annuka, Harri** Engineerings Materials & Tribology 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 114-115 : ill

**Adhesive wear of WC- and TiC-based friction stir welding tool materials for aluminium alloy welding [Electronic resource]**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt** European Powder Metallurgy Association : proceedings : 14 – 18 October 2018, Bilbao, Spain 2018 / 6 p. : ill. [USB] <https://www.epma.com/publications/euro-pm-proceedings/product/euro-pm2018-proceedings-usb>

**Adhesive wear performance of hardmetals and cermets**

**Klaasen, Heinrich; Kübarsepp, Jakob; Roosaar, Tõnu; Viljus, Mart; Traksmäa, Rainer** Wear 2010 / 9/10, p. 1122-1128 : ill

**Adhesive wear resistance of hard metals and their durability in metal forming operations**

Reshetnjak, Heinrich; **Kübarsepp, Jakob** Advances in hard materials production : proceedings of the 1996 European Conference on Advances in Hard Materials Production, Stockholm, Sweden, May 27-29, 1996 1996 / p. 327-332: ill

**Advanced chromium carbide based hardfacings**

**Zikin, Arkadi; Hussainova, Irina** Surface & coatings technology 2012 / p. 4270-4278 : ill

**Advanced multiphase tribo-functional PTA hardfacings = Mitmeefaasilised kulumiskindlad PTA-keevispindad**

**Zikin, Arkadi** 2013 <https://digi.lib.ttu.ee/i/?908> [https://www.ester.ee/record=b2956356\\*est](https://www.ester.ee/record=b2956356*est)

**Ageing of kukersite thermobitumen**

**Sokolova, Julia; Tiikma, Laine; Bitjukov, Mihhail; Johannes, Ille** Oil shale 2011 / 1, p. 4-18 : ill  
[https://artiklid.elnet.ee/record=b2284439\\*est](https://artiklid.elnet.ee/record=b2284439*est)

**Alumina-silica hollow microspheres in metallo-ceramic matrix composite [Electronic resource]**

Šiškins, Andrejs; Mironovs, Viktors; Zemčenkova, Vjačeslavs; **Hussainova, Irina** Cellular Materials CellMat 2014 : Dresden, Germany, 22-24 October, 2014 2014 / [CD-ROM]

**Analysis of the reciprocal wear testing of Aluminum AA1050 processed by a novel mechanical nanostructuring technique**

**Omranpour Shahreza, Babak; Kommel, Lembit; Sergejev, Fjodor; Ivanisenko, Yulia; Antonov, Maksim** IOP conference series : materials science and engineering 2021 / art. 012051, 6 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012051>

**Analytic and fea wear simulation of spinning contact**

**Põdra, Priit; Tamre, Mart** VI Tribological Conference, 6-7 June 1996, Technical University of Budapest : proceedings 1996 / p. 307

**Assessment of abrasive powder behaviour during impact-abrasive wear of PCD elements**

**Gomon, Dmitri; Auriemma, Fabio; Antonov, Maksim** Wear 2019 / p. 151-161 : ill <https://doi.org/10.1016/j.wear.2019.03.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Assessment of cermets performance in aggressive media**

**Antonov, Maksim** 2006 [http://www.ester.ee/record=b2208731\\*est](http://www.ester.ee/record=b2208731*est)

**Assessment of cermets performance in erosive media**

**Hussainova, Irina; Antonov, Maksim** International journal of materials & product technology 2007 / 3/4, p. 361-376 : ill  
<https://www.inderscience.com/info/inarticle.php?artid=13085>

**Assessment of gradient and nanogradient PVD coatings behaviour under erosive, abrasive and impact wear conditions**

**Antonov, Maksim; Hussainova, Irina; Sergejev, Fjodor; Kulu, Priit; Gregor, Andre** Wear 2009 / p. 898-906 : ill

**Assessment of mechanically mixed layer developed during high temperature erosion of cermets**

**Antonov, Maksim; Hussainova, Irina; Pirso, Jüri; Volobujeva, Olga** Wear 2007 / 2, p. 878-886 : ill

**Assessment of the wear resistance of multiphase materials**

**Hussainova, Irina; Kübarsepp, Jakob** Advances in Powder Metallurgy and Particulate Materials : Hard Metals/Refractory Metals/Composites. Vol. 9 2004 / p. 16-27

**Assessment of the wear resistance of multiphase materials [Electronic resource]**

**Hussainova, Irina; Kübarsepp, Jakob** Advances in Powder Metallurgy & Particulate Materials - 2004 : proceedings of the 2004 International Conference on Powder Metallurgy & Particulate Materials, June 13-17, Chicago, IL 2004 / p. 16-27. [CD-ROM]

### **Assessment of tribological performance of 3D printed macro features on the metallic surface**

**Antonov, Maksim; Pohlak, Meelis; Ivanov, Roman; Kariminejad, Arash; Hussainova, Irina** Wear 2026 / art. 206398  
<https://doi.org/10.1016/j.wear.2025.206398>

### **Bainitic structure effect on hydrogen embrittlement**

**Peetsalu, Priidu; Mikli, Valdek; Ratas, Kaarin; Kulper, Eha; Jaason, Karli** Journal of the Japan Society for Heat Treatment 2009 / p. 592-595

### **Behaviour of engineering ceramics at hard-particle erosion**

**Kleis, Ilmar; Pappel, Priit;** Gotzmann, Johannes Proceedings of the 6th Nordic Symposium on Tribology : NORDTRIB '94, 12-15 June 1994 Uppsala, Sweden. Vol. 1, Monday 1994 / p. 215-223: ill

### **Behaviour of hard alloys in sliding and erosion wear conditions**

**Kübarsepp, Jakob; Vainola, Vello; Klaasen, Heinrich;** Loel, Rein Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 203-206 : ill

### **Behaviour of TiC-base cermets in different wear conditions**

**Kübarsepp, Jakob; Klaasen, Heinrich; Pirso, Jüri** Wear 2001 / p. 229-234 : ill

### **Betoonist ja katenditest**

**Kendra, Ain** Transport ja Teed 2023 / lk. 12-16 : fot [https://www.ester.ee/record=b1073099\\*est](https://www.ester.ee/record=b1073099*est)

### **Bioinspired and multifunctional tribological materials for sliding, erosive, machining, and energy-absorbing conditions : A review**

**Kumar, Rahul, 1993-; Rezapourianghahfarokhi, Mansoureh;** Rahmani Ahranjani, Ramin; **Maurya, Himanshu Singh; Kamboj, Nikhil Kumar; Hussainova, Irina** Biomimetics 2024 / art. 209 <https://doi.org/10.3390/biomimetics9040209> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Centrifugal accelerators for erosion research and standard wear testing**

**Kleis, Ilmar; Uuemõis, Haljand; Üksti, Lembit; Pappel, Toivo** Wear of materials 1979 : presented at the International Conference on Wear of Materials, Dearborn, Michigan, April 16-18, 1979 1979 / p. 212-218

### **Cermets surface transformation under erosive and abrasive wear**

**Antonov, Maksim; Hussainova, Irina** Tribology international 2010 / p. 1566-1575 : ill

### **Cermets with designed characteristics for wear and wear-corrosion working conditions**

**Pirso, Jüri; Kübarsepp, Jakob; Liiskmann, Guido** Proceedings of Joint Nordic Conference in Powder Technology, November 26-27, Helsinki 1997 / p. 38

### **Cermets with Fe-alloy binder : a review**

**Kübarsepp, Jakob; Juhani, Kristjan** International journal of refractory metals and hard materials 2020 / art. 105290, 25 p. : ill  
<https://doi.org/10.1016/j.ijrmhm.2020.105290> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Changes in surface morphology, deflection and wear of microcrystalline diamond film observed during sliding tests against Si<sub>3</sub>N<sub>4</sub> balls**

**Bogatov, Andrei; Traksmaa, Rainer; Podgurski, Vitali** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 145-151 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.145> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Characterisation and modelling of erosion wear of powder composite materials and coatings**

**Kulu, Priit; Veinthal, Renno; Käerdi, Helmo** International journal of materials & product technology 2007 / 3/4, p. 425-447 : ill

### **Characterisation of corrosion resistance of stainless TiC-base cermets**

**Baranovskaja, Irina; Kübarsepp, Jakob; Idla, Katrin; Viljus, Mart** Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 163-166  
[https://www.researchgate.net/publication/260133663\\_Characterisation\\_of\\_corrosion\\_resistance\\_of\\_stainless\\_TiC-base\\_cermets](https://www.researchgate.net/publication/260133663_Characterisation_of_corrosion_resistance_of_stainless_TiC-base_cermets)

### **Characterization and modelling of erosion wear of powder composite materials and coatings**

**Veinthal, Renno** 2005 [https://www.ester.ee/record=b2097488\\*est](https://www.ester.ee/record=b2097488*est)

### **Characterization and prediction of abrasive wear of powder composite materials**

**Veinthal, Renno; Kulu, Priit; Pirso, Jüri; Käerdi, Helmo** Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10-13 June, 2008 2008 / ? p

### **Characterization and prediction of abrasive wear of powder composite materials**

**Veinthal, Renno; Kulu, Priit; Pirso, Jüri; Käerdi, Helmo** Wear 2009 / p. 2216-2222 : ill

### **Characterization of hardmetals wear**

**Kübarsepp, Jakob;** Reshetnjak, Heinrich Materials Engineering - 98 : materials of the VII-th International Baltic Conference, September 24-25, Jurmala, Latvia 1998 / p. 123-127: ill

### **Characterization of powdermetal matrix composites for erosion wear applications**

**Veinthal, Renno; Kulu, Priit; Pirso, Jüri; Käerdi, Helmo** Extended abstracts of 2006 Powder Metallurgy World Congress : Busan, Korea, September 24-28. 2 2006 / p. 1056

### **Characterization of the structure and modelling of wear composite with multimodal reinforcement powder materials and coatings [Electronic resource]**

**Kulu, Priit; Veinthal, Renno** Proceedings of XIth International Conference on Composites/Nano Engineering : ICCE-12 : Tenerife, Spain 2005 / ? p. [CD-ROM]

### **Characterization of the structure and properties of composite powder materials and coatings**

**Veinthal, Renno; Kulu, Priit; Käerdi, Helmo** Materials science = Medžiagotyra 2005 / 4, p. 376-380 : ill

### **Combination of SLM-SPS approaches for tribological, antibacterial and biomaterial applications = Kombineeritud SLM-SPS meetod triboloogiliste, antibakteriaalsete ja biosobivate materjalide valmistamiseks**

**Rahmani Ahranjani, Ramin** 2020 <https://digikogu.taltech.ee/et/Item/4cd6a755-29d9-4168-a281-a21edca6c729>

### **Comparative analysis of two methods for evaluating wear rate of nanocrystalline diamond films**

**Bogatov, Andrei; Yashin, Maxim; Viljus, Mart;** Menezes, Pradeep; **Podgurski, Vitali** Engineering materials and tribology XXV 2017 / p. 345-350 : ill <https://doi.org/10.4028/www.scientific.net/KEM.721.345> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Comparative analysis of wear rates of microcrystalline diamond and diamond-like carbon coatings deposited on WC-Co substrates**

**Yashin, Maxim; Bogatov, Andrei; Podgurski, Vitali** Engineering materials and tribology XXV 2017 / p. 436-440 : ill <https://doi.org/10.4028/www.scientific.net/KEM.721.436> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Comparative study of adhesive wear for CoCr, TiC-NiMo, WC-Co as potential FSW tool materials**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 224-228 : ill <https://doi.org/10.4028/www.scientific.net/SSP.267.224> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **A comparative study of battery degradation cost modeling in residential PV-battery systems for day-ahead optimization**

**Lekhel, Cheikh Elekbir Sidi; Mbayed, Rita; Hokmabad, Hossein Nourollahi;** Velihorskyi, Oleksandr; Monmasson, Eric 2025 IECON – 51st Annual Conference of the IEEE Industrial Electronics Society 2025 / 6 p <http://doi.org/10.1109/IECON58223.2025.11221673>

### **Comparative study of the PVD coatings on the plasma nitrided steel**

**Surženkov, Andrei; Põdra, Priit; Sergejev, Fjodor; Saarna, Mart; Adoberg, Eron; Mikli, Valdek; Viljus, Mart; Kulu, Priit** Materials science = Medžiagotyra 2012 / p. 40-44 : ill <https://matsc.ktu.lt/index.php/MatSc/article/view/1339>

### **Comparison of the wear and frictional properties of Cu matrix composites prepared by pulsed electric current sintering**

**Ritasalo, Riina; Antonov, Maksim; Veinthal, Renno;** Hannula, Simo-Pekka Proceedings of the Estonian Academy of Sciences 2014 / p. 62-74 : ill [https://artiklid.elnet.ee/record=b2665219\\*est](https://artiklid.elnet.ee/record=b2665219*est) <https://doi.org/10.3176/proc.2014.1.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of wear resistance determined under different conditions of wear**

**Kulu, Priit; Pirso, Jüri; Vallikivi, Ahto; Ajaots, Mairo** Proceedings of IRG-OECD 24th Meeting of the International Research Group of Wear of Engineering Materials : Portoros, Slovenia, 2003 2003 / [8] p

### **Comparison of wear resistance determined under different conditions of wear [Electronic resource]**

**Kulu, Priit** Proc. of IRG-OECD 24th meeting of the International Research Group of Wear of Engineering Materials 2003 / [8] p. [CD-ROM]

### **Composition and structure of bimodal WC-Co materials related to mechanical properties and abrasive wear**

**Yung, Der-Liang; Antonov, Maksim; Hussainova, Irina; Veinthal, Renno;** Hogmark, Sture M2D2015 : proceedings of the 6th International Conference on Mechanics and Materials in Design, 2015 2015 / p. 655-664

### **Contact stiffness parameters for finite element modeling of contact**

**Sivitski, Alina; Põdra, Priit** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 211-216 : ill [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est)

<https://www.scientific.net/KEM.799.211> <https://doi.org/10.4028/www.scientific.net/KEM.799.211> Conference proceeding at Scopus Article at Scopus

#### **Corrosive - erosive wear of steam generators heating surfaces**

**Ots, Arvo; Tallermo, Harri; Tomann, Elvi; Suurkuusk, Tõnu** Fouling and corrosion in steam generators 1980 / p. 107-125 : ill  
[https://www.ester.ee/record=b1621577\\*est](https://www.ester.ee/record=b1621577*est)

#### **Corrosive-erosive wear mechanism of boiler heat transfer surfaces**

**Ots, Arvo** BALTICA VI : life management and maintenance for power plants. Vol. 1 2004 / p. 187-196 : ill

#### **Dependence of wear of Cu-Cr-S alloy on hardness and electrical conductivity in sliding electrical contact**

**Kommel, Lembit; Baroninš, Janis** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 229-233 : ill  
<https://doi.org/10.4028/www.scientific.net/SSP.267.229> Conference proceedings at Scopus Article at Scopus

#### **Der Einfluss technologischer Faktoren auf die Hydroabrasiv-Verschleissfestigkeit der Titankarbid-Sinterlegierungen**

**Valdma, Leo; Kudrjartsev, Vladimir; Kallas, Paul** Grundlagen, Herstellung und Eigenschaften von Sinter- und Verbundwerkstoffen : Abhandlungen der VI Internationalen Pulvermetallurgischen Tagung in der DDR, Dresden, 27.-29. Sept. 1977 : Vorabdruck 1977 / S. 43-1-43-16

#### **Description of punch wear mechanism during fine blanking process**

**Lind, Liina; Peetsalu, Priidu; Põdra, Priit; Adoberg, Eron; Veinthal, Renno; Kulu, Priit** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 504-509 : ill

#### **Determination of resistance to wear of particulate composite**

**Aruniit, Aare; Antonov, Maksim; Kers, Jaan; Krumme, Andres** Engineering materials & tribology XXII 2014 / p. 188-191  
<https://doi.org/10.4028/www.scientific.net/KEM.604.188> Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

#### **Developments in cermet design, technology and performance**

**Kübarsepp, Jakob; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart** International journal of materials & product technology 2014 / p. 160-179 <https://doi.org/10.1504/IJMP.2014.064046> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **A digital measuring module for tool wear estimation**

**Otto, Tauno; Kurik, Lembit** Annals of DAAAM for 2002 & proceedings of the 13th International DAAAM Symposium "Intelligent Manufacturing & Automation : Learning from Nature" : Vienna University of Technology, 23-26th October 2002, Vienna, Austria, European Union 2002 / p. 397-398 : ill

#### **Digital tool wear measuring video system**

**Otto, Tauno; Kurik, Lembit** Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 144-146 : ill

#### **Drilling of P/M produced stainless steels by using TiN-coated high speed steel tools**

**Paro, Jukka; Hänninen, Hannu; Kauppinen, Veijo** International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 101-104: ill

#### **Dry sliding wear of cermets**

**Viljus, Mart; Pirso, Jüri** International journal of materials & product technology 2007 / 3/4, p. 468-486 : ill

#### **Dry sliding wear of cermets under high-speed conditions**

**Pirso, Jüri; Ajaots, Maido; Viljus, Mart; Vallikivi, Ahto** Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 76

#### **Effect of alloying additives on impact-abrasive wear of manual arc welded hadfield steel hardfacings**

**Jankauskas, Vytenis; Antonov, Maksim; Katinas, Egidijus; Gedzevicius, I.** Journal of friction and wear 2016 / p. 170-178 : ill  
<https://doi.org/10.3103/S1068366616020185> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Effect of atomic oxygen irradiation on the structural and tribological properties of the MoS<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub>/PI composites**

**Zhao, Gai; Wang, Qihua; Hussainova, Irina; Ding, Qingjun** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 239-243 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.239> Conference Proceedings at Scopus Article at Scopus

#### **Effect of basalt and silica additives on erosive wear resistance of cast ceramics**

**Baroninš, Janis; Antonov, Maksim; Ivanov, Roman; Shuliak, Volodymyr; Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2016 / p. 144-151 : ill <https://doi.org/10.3176/proc.2016.2.05> [https://artiklid.elnet.ee/record=b2768221\\*est](https://artiklid.elnet.ee/record=b2768221*est) Journal

**Effect of basalt reinforcement type and content on the abrasive wear behaviour of polymer composites**

**Antonov, Maksim; Kers, Jaan; Liibert, Laura;** Shuliak, Volodymyr; Smirnov, Anton; Bartolome, Jose F. Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 181-188 : ill

<https://doi.org/10.4028/www.scientific.net/KEM.674.181> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Effect of electrode covering composition on the microstructure, wear, and economic feasibility of Fe-C-Cr manual arc-welded hardfacings**

Jankauskas, Vytenis; Katinas, Egidijus; Laskauskas, Arturas; **Antonov, Maksim;** Varnauskas, Valentinas; Gedzevičius, Irmantas; Aleknevičiene, Vilija Coatings 2020 / art. 294, 19 p. : ill <https://doi.org/10.3390/coatings10030294> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of erodent particle impact energy on wear of cemented carbides**

**Antonov, Maksim;** Yung, Der-Liang; **Goljandin, Dmitri; Mikli, Valdek; Hussainova, Irina** Wear 2017 / p. 507-515 : ill

<https://doi.org/10.1016/j.wear.2016.11.032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of fluid adsorption on strength and wear characteristics of parts**

**Üksti, Lembit** OST-94 Symposium on Machine Design : proceedings, Tallinn, Estonia, April 14-15, 1994 1994 / p. 27-33: ill

**Effect of free carbon on the mechanical and tribological properties of cemented carbides**

**Joost, Renee; Pirso, Jüri; Tenno, Taavi; Viljus, Mart** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [III] 2010 / p. 450-455 : ill

**Effect of Grain Size Distribution on Frictional Wear and Corrosion Properties of (FeCoNi)<sub>86</sub>Al<sub>7</sub>Ti<sub>7</sub> High-Entropy Alloys**

Sun, Qinhui; Ma, Pan; Yang, Hong; Xie, Kaiqiang; Wan, Shiguang; Sheng, Chunqi; Chen, Zhibo; Yang, Hongji; Jia, Yandong;

**Prashanth, Konda Gokuldoss** Entropy 2025 / art. 747 <https://doi.org/10.3390/e27070747>

**Effect of graphene nanoplatelet content on mechanical and elevated-temperature tribological performance of self-lubricating ZE10 magnesium alloy nanocomposites**

Kandemir, Sinan; **Yöyler, Sibel; Kumar, Rahul, 1993-; Antonov, Maksim;** Dieringa, Hajo Lubricants 2024 / art. 52

<https://doi.org/10.3390/lubricants12020052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of HBN on wear of AlCrN-coated spark plasma - sintered TiB<sub>2</sub>/Ti composites at temperatures up to 900°C**

Luszcz, Maciej; Michalczewski, Remigiusz; Kalbarczyk, Marek; Osuch-Słomka, Edyta; Molenda, Jarosław; **Liu, Le; Antonov,**

**Maksim; Hussainova, Irina** Quarterly tribologia 2022 / p. 43-55 <https://doi.org/10.5604/01.3001.0015.8756>

**Effect of loading system inertia on tribological behaviour of ceramic–ceramic, ceramic–metal and metal–metal dry sliding contacts**

**Antonov, Maksim; Hussainova, Irina; Adoberg, Eron** Tribology international 2013 / p. 207-214 : ill

<https://doi.org/10.1016/j.triboint.2013.03.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of loading system rigidity and inertia on friction coefficient and wear rate of ceramic-ceramic sliding contacts**

**Antonov, Maksim; Adoberg, Eron; Hussainova, Irina** Proceedings of the 13th International Conference on Metrology and Properties of Engineering Surfaces : 12-14 April 2011, London 2011 / p. 151-155 : ill

**Effect of microstructure on the erosive wear of titanium carbide-based cermets**

**Hussainova, Irina** Wear 2003 / p. 121-128

**Effect of microstructure on the erosive wear of titanium carbide-based cermets**

**Hussainova, Irina** 14th International Conference on Wear of Materials : 30 March-3 April 2003, Washington, DC, USA. Part 1 2003 / p. 121-128 : ill

**Effect of nanocrystalline diamond films deflection on wear observed in reciprocating sliding tests**

**Podgurski, Vitali; Bogatov, Andrei;** Sobolev, S.; **Viljus, Mart;** Sedov, V.; Ashkinazi, E.; Ralchenko, V. Journal of coating science and technology 2016 / p. 109-115 : ill <http://dx.doi.org/10.6000/2369-3355.2016.03.03.2>

**Effect of oxidation on abrasive wear behaviour of TiC-based cermets in SiO<sub>2</sub> medium**

**Antonov, Maksim; Hussainova, Irina; Pirso, Jüri; Juhani, Kristjan** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [III] 2010 / p. 510-515 : ill

**Effect of oxidation on abrasive wear behaviour of titanium carbide based composites in silica medium**

**Antonov, Maksim; Hussainova, Irina; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart** Estonian journal of engineering 2010 / 4, p. 264-272 : ill

#### **Effect of oxidation on abrasive wear of TiC-based cermets at various temperatures**

**Antonov, Maksim; Hussainova, Irina; Pirso, Jüri; Juhani, Kristjan** Proceedings of 14th Nordic Symposium on Tribology : NORDTRIB 2010 : 08.06-11.06.2010, Storforsen, Sweden 2010 / p. 0054 [CD-ROM]

#### **Effect of oxidation on sliding wear behavior of NiCrSiB-TiB<sub>2</sub> plasma sprayed coatings**

Umanskii, A.; **Hussainova, Irina**; Storoženko, M.; Terentyev, O.; **Antonov, Maksim** Engineering materials & tribology XXII 2014 / p. 16-19 <https://doi.org/10.4028/www.scientific.net/KEM.604.16> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Effect of solid lubricants on wear of PVD-coated spark plasma-sintered TiB<sub>2</sub>/Ti composites**

Luszcz, Maciej; Michalczewski, Remigiusz; Kalbarczyk, Marek; Osuch-Slomka, Edyta; **Liu, Le; Antonov, Maksim; Hussainova, Irina** Modern materials and manufacturing 2023 2024 / art. 040010 <https://doi.org/10.1063/5.0190460> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **The effect of temperature and sliding speed on friction and wear of Si<sub>3</sub>N<sub>4</sub>, Al<sub>2</sub>O<sub>3</sub>, and ZrO<sub>2</sub> balls tested against AlCrN PVD coating**

**Antonov, Maksim; Afshari, Hossein; Baroninš, Janis; Adoberg, Eron; Raadik, Taavi; Hussainova, Irina** Tribology international 2018 / p. 500-514 : ill <https://doi.org/10.1016/j.triboint.2017.05.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Effect of temperature on erosive and abrasive wear of carbide reinforced powder steels**

**Veinthal, Renno; Antonov, Maksim** Tribology 2011 : proceedings of the 10th International Tribology Conference, Pretoria, South Africa, 5-7 April 2011 2011 / p. 104-111 : ill

#### **Effect of temperature on sliding and erosive wear of fiber reinforced polyimide hybrids**

**Zhao, Gai; Hussainova, Irina; Antonov, Maksim**; Wang, Qihua; Wang, Tingmei; **Yung, Der-Liang** Tribology international 2015 / p. 525-533 : ill <https://doi.org/10.1016/j.triboint.2014.01.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Effect of thermo-elastic residual stresses on erosive performance of cermets with core-rim structured ceramic grains**

**Hussainova, Irina**; Kolesnikova, Anna; Hussainov, Medhat; Romanov, Alexey Wear 2009 / p. 177-185 : ill <https://www.sciencedirect.com/science/article/pii/S0043164809001446>

#### **Effect of WC grain size and content on erosive wear of manual arc welded hardfacings with low-carbon ferritic-pearlitic steel or stainless steel matrix**

Katinas, Egidijus; **Antonov, Maksim**; Jankauskas, Vytenis; Skirkus, Remigijus Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 213-218 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.213> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Effect of wear debris entrapment on the tribological performance of AlCoCrFeNi produced by selective laser melting or spark plasma sintering**

**Karimi, Javad; Antonov, Maksim; Prashanth, Konda Gokuldoss** Metallurgical and materials transactions A : Physical metallurgy and materials science 2022 / p. 4004-4010 <https://doi.org/10.1007/s11661-022-06805-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Electrical conductivity and mechanical properties of Cu-0.7wt% Cr and Cu-1.0wt% Cr alloys processed by severe plastic deformation**

**Kommel, Lembit; Pokatilov, Andrei** IOP conference series : materials science and engineering 2014 / p. 1-7 : ill <https://doi.org/10.1088/1757-899X/63/1/012169> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Elevated temperature wear of chromium carbide based cermets**

**Hussainova, Irina; Antonov, Maksim** Proceedings of the Estonian Academy of Sciences. Engineering 2003 / 4, p. 261-271 : ill

#### **Elevated temperature wear of chromium carbide based cermets**

**Hussainova, Irina; Antonov, Maksim** Engineering Materials & Tribology : BALTMATRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 67

#### **Environmentally assisted abrasive erosive wear of metals matrix composites [Electronic resource]**

**Veinthal, Renno; Kulu, Priit**; Aulik, Allan; Siitonen, P. Conference on PM and Advanced Materials and Materials Technology Innovation : 27.-28.02.2005, Tampere, Finland 2005 / ? p. [CD-ROM]

#### **Erosion and impact wear resistance of thermal sprayed coatings**

**Kulu, Priit; Tarbe, Riho; Veinthal, Renno** Surface modification technologies : proceedings of the 20th International Conference on Surface Modification Technologies : September 25-29, 2006, Vienna, Austria 2007 / p. 94-99 : ill

#### **Erosion and impact wear resistance of thermal sprayed coatings [Electronic resource]**

**Kulu, Priit; Tarbe, Riho; Veinthal, Renno** Proceedings of 15th IFHTSE and 20 SMT Congress : September 2006, Vienna 2006 / [CD-ROM]

**Erosion of Cr<sub>3</sub>C<sub>2</sub>-based cermets at room and elevated temperatures**

**Antonov, Maksim; Hussainova, Irina** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 137-140 : ill

**Erosion prognosing in pneumotransport and separator**

**Kleis, Ilmar; Ellermaa, Riho-Rene** Proceedings of IV International Conference on Pneumatic Conveying, Budapest, 1990 1990 / p. A4-1 - A4-5

**Erosion prognosing of disintegrators**

**Ellermaa, Riho-Rene; Kleis, Ilmar** Berg- und Hüttenmännischer Tag, 1990, Freiberg, DDR 1990 / S. 88-104

**Erosion testing of refractory cermets at high temperature [Electronic resource]**

**Antonov, Maksim; Hussainova, Irina** Proceedings of 12th Nordic Symposium in Tribology : NORDTRIB 2006 : Helsingor, Denmark, 7-9 June 2006 2006 / [10] p. [CD-ROM]

**Erosion wear of PM materials and coatings : prediction and control**

**Veinthal, Renno; Kulu, Priit; Käerdi, Helmo** 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers 2008 / p. 52-53

**Erosion wear of reactive sintered WC-TiC-Co cermets**

**Tarraste, Marek; Juhani, Kristjan; Pirso, Jüri; Viljus, Mart** Engineering materials & tribology XXII 2014 / p. 63-66

<https://doi.org/10.4028/www.scientific.net/KEM.604.63> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Erosioonkulumise teooria, selle areng ja hetkeseis**

**Kleis, Ilmar** Mehaanika meil ja mujal 1992 / lk. 126-136: ill, 2 lk. ill [https://www.ester.ee/record=b1050590\\*est](https://www.ester.ee/record=b1050590*est)

**Erosive wear failures**

**Antonov, Maksim** Failure analysis and prevention, vol. 11 2021 / p. 755–763 <https://doi.org/10.31399/asm.hb.v11.a0006795>

**Erosive wear of advanced composites based on WC**

**Hussainova, Irina; Antonov, Maksim; Zikin, Arkadi** Tribology international 2012 / p. 254-260 : ill

<https://www.sciencedirect.com/science/article/abs/pii/S0301679X11001630>

**Erosive wear of TIC-base cermets**

**Kübarsepp, Jakob; Klaasen, Heinrich; Mikli, Valdek; Viljus, Mart** Medžiagotyra = Materials science 2002 / 4, p. 486-488 : ill

**Erosive wear of TIC-base cermets**

**Kübarsepp, Jakob; Klaasen, Heinrich; Mikli, Valdek; Viljus, Mart** Abstracts of International Conference Materials Engineering and Tribology 2002 / p. 41

**Erosive wear resistance of HVOF sprayed coatings**

**Kulu, Priit; Veinthal, Renno; Zimakov, Sergei** Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 64-65

**Evaluation of wear rate of nanocrystalline diamond films esing Abbott curve**

**Bogatov, Andrei; Podgurski, Vitali** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 185-189 : ill

<https://doi.org/10.4028/www.scientific.net/SSP.267.185> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Fatigue characteristics of PM steels = Pulberteraste väsimuskarakteristikud**

**Saarna, Mart** 2008 [https://www.ester.ee/record=b2413163\\*est](https://www.ester.ee/record=b2413163*est)

**Fatigue performance and mechanical reliability of cemented carbides**

**Preis, Irina** 2004 [https://www.ester.ee/record=b1994273\\*est](https://www.ester.ee/record=b1994273*est)

**FEA wear simulation of a conical spinning contact**

**Põdra, Priit** OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 135-145: ill

[https://www.ester.ee/record=b1083704\\*est](https://www.ester.ee/record=b1083704*est)

**FEA wear simulation of a sliding contact**

**Põdra, Priit; Andersson, Sören** OST-94 Symposium on Machine Design : proceedings, Tallinn, Estonia, April 14-15, 1994 1994 / p.

**FEA wear simulation of a spinning contact**

**Põdra, Priit; Tamre, Mart;** Andersson, Sören OST-95 Symposium on Machine Design : proceedings, Oulu, Finland, May 18-19, 1995 1995 / p. 98-105: ill [https://www.ester.ee/record=b1033949\\*est](https://www.ester.ee/record=b1033949*est)

**Features of cermets wear resistance**

**Hussainova, Irina; Kübarsepp, Jakob** Abstracts of NATO Symposium on Fundamentals of Tribology 2000 / p. 79

**Features of hardmetals wear resistance**

Reshetnjak, Heinrich; **Kübarsepp, Jakob** NORDTRIB '98 : proceedings of the 8th International Conference on Tribology, Ebeltoft, Denmark, 7-10 June 1998. Vol. 1 1998 / p. 239-246: ill

**Features of wear of TiC-base hardmetals**

**Kübarsepp, Jakob;** Reshetnjak, Heinrich; **Pirso, Jüri; Annuka, Harri** Proceedings of the World Congress and Exhibition on Powder Metallurgy, October 18-22, Granada, Spain 1998 / p. 75-79

**Finite element analysis wear simulation of a conical spinning contact considering surface topography**

**Põdra, Priit;** Andersson, Sören Wear 1999 / 1, p. 13-21: ill

**Formation of microstructure of spray fused powder coatings**

**Pihl, Toomas; Kulu, Priit** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 201-204 : ill

**Friction and dry sliding wear behaviour of cermets**

**Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei** Wear 2006 / 7/8, p. 815-824 : ill

**Friction and wear behaviour of cemented carbides**

**Pirso, Jüri; Letunovitš, Sergei; Viljus, Mart** Wear 2004 / p. 257-265 : ill

**Friction and wear changes of boron carbide cermet depending on the structure**

**Kommel, Lembit;** Kimmari, Eduard Abstracts of International Conference Materials Engineering and Tribology 2002 / p. 35

**Friction and wear changes of boron carbide cermets depending on the structure**

**Kommel, Lembit; Kimmari, Eduard** Materials science = Medžiagotyra 2003 / 1, p. 51-53 : ill

**Friction and wear of fiber reinforced polyimide composites**

**Zhao, Gai; Hussainova, Irina; Antonov, Maksim;** Wang, Qihua; Wang, Tingmei Wear 2013 / p. 122-129 : ill  
<https://doi.org/10.1016/j.wear.2012.12.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Friction and wear of fiber reinforced polyimide composites**

**Zhao, Gai; Hussainova, Irina; Antonov, Maksim;** Wang, Qihua; Wang, Tingmei; **Veinthal, Renno** 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts 2013 / [p. 92]

**Gradient microstructure in tantalum formed under the wear track during dry sliding friction**

**Kommel, Lembit; Põdra, Priit; Mikli, Valdek; Omranpour Shahreza, Babak** Wear 2021 / art. 203573, 7 p. : ill  
<https://doi.org/10.1016/j.wear.2020.203573> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hard metals serviceability in sheet metal forming operations**

**Reshetnjak, Heinrich** 1996 [http://www.ester.ee/record=b1070449\\*est](http://www.ester.ee/record=b1070449*est)

**Hardfacings for extreme wear applications**

**Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Saarna, Mart; Tarraste, Marek; Viljus, Mart** Surface Modification Technologies XXVIII : proceedings of the Twenty Eighth International Conference on Surface Modification Technologies : Tampere University of Technology, Tampere, Finland, June 16-18, 2014 2015 / p. 149-157 : ill

**Hard-particle erosion of engineering ceramics**

**Pappel, Priit** OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : proceedings 1996 / p. 28-35: ill  
[https://www.ester.ee/record=b1033950\\*est](https://www.ester.ee/record=b1033950*est)

**High temperature corrosion and abrasive wear of boiler steels = Katlaterase kõrgtemperatuurse korrosiooni- ja kulumisuuritud**

**Priss, Jelena** 2014 [https://www.ester.ee/record=b3089832\\*est](https://www.ester.ee/record=b3089832*est)

**High temperature cyclic impact/abrasion testing of boiler steels**

**Priss, Jelena; Klevtsov, Ivan; Dedov, Andrei; Antonov, Maksim;** Rojacz, Harald; Badisch, Ewald Engineering materials & tribology XXII 2014 / p. 289-292 <https://doi.org/10.4028/www.scientific.net/KEM.604.289> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**High temperature erosion wear of cermet particles reinforced self-fluxing alloy HVOF sprayed coatings**

**Surženkov, Andrei; Goljandin, Dmitri; Traksmas, Rainer; Viljus, Mart; Talviste, Kristofer; Aruniit, Aare;** Latokartano, Jyrki; Kulu, Priit Medžiagotyra = Materials science 2015 / p. 386-390 : ill <https://doi.org/10.5755/j01.ms.21.3.7617> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**High-temperature corrosive-erosive wear of boiler tubes**

**Ots, Arvo** Proceedings of the 7th European Conference on Industrial Furnaces and Boilers 2006 / p.126-136

**High-temperature erosion of Cr<sub>3</sub>C<sub>2</sub>-based cermets**

**Hussainova, Irina; Antonov, Maksim** Abstracts of 10th Nordic Symposium on Tribology NORDTRIB 2002 / p. 112

**High-temperature erosion of Cr<sub>3</sub>C<sub>2</sub>-based cermets [Electronic resource]**

**Hussainova, Irina; Antonov, Maksim** Proceedings of 10th Nordic Symposium on Tribology NORDTRIB 2002 / Ref 21 [CD-ROM]

**High-temperature erosion of Fe-based coatings reinforced with cermet particles**

**Surženkov, Andrei; Antonov, Maksim; Goljandin, Dmitri; Kulu, Priit; Viljus, Mart; Traksmas, Rainer; Mere, Arvo** Surface engineering 2016 / p. 624-630 : ill <https://doi.org/10.1080/02670844.2016.1145377> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**High-temperature tribological performance of Al<sub>2</sub>O<sub>3</sub>/a-C:H:Si coating in ambient air**

**Podgurski, Vitali; Alamgir, Asad; Yashin, Maxim;** Jõgiaas, Taivo; **Viljus, Mart; Raadik, Taavi; Danilson, Mati; Sergejev, Fjodor;** Lümekmann, Andreas; Kluson, Jan; Sondor, Jozef; **Bogatov, Andrei** Coatings 2021 / art. 495, 15 p. : ill <https://doi.org/10.3390/coatings11050495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hot sliding wear of 88 wt.% TiB-Ti composites from SHS produced powders**

**Kumar, Rahul, 1993-; Liu, Le; Antonov, Maksim; Ivanov, Roman; Hussainova, Irina** Materials 2021 / art. 1242, 14 p.: ill <https://doi.org/10.3390/ma14051242> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**HVOF sprayed Fe-Based wear-resistant coatings with carbide reinforcement, synthesized in situ and by mechanically activated synthesis**

**Tkachivskyi, Dmytro; Juhani, Kristjan; Surženkov, Andrei; Kulu, Priit; Antonov, Maksim; Goljandin, Dmitri** Coatings 2020 / art. 1092, 15 p. : ill <https://doi.org/10.3390/coatings10111092> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hybrid syntactic foams of metal - fly ash cenosphere - clay**

**Shishkin, Andrei; Mironovs, Viktors; Zemchenkov, Vjacheslav; Antonov, Maksim; Hussainova, Irina** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 35-40 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.35> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Impact and sliding wear properties of single layer, multilayer and nanocomposite physical vapour deposited (PVD) coatings on the plasma nitrided low-alloy 42CrMo4 steel**

**Surženkov, Andrei; Adoberg, Eron; Põdra, Priit; Sergejev, Fjodor; Mere, Arvo; Viljus, Mart; Mikli, Valdek; Antonov, Maksim; Kulu, Priit** Engineering materials and tribology 2013 / p. 223-228 : ill

**Impact erosive wear resistance of thermal sprayed WC-Co coatings**

**Kulu, Priit; Zimakov, Sergei; Veinthal, Renno** Materials Engineering & Balttrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 187-192 : ill

**The impact of microstructural refinement on the tribological behavior of niobium processed by Indirect Extrusion Angular Pressing**

**Omranpour Shahreza, Babak;** Hernandez-Rodriguez, Marco A. L.; Hernandez-Rodriguez, Edgar; **Kommel, Lembit; Sergejev, Fjodor** Tribology international 2022 / art. 107412 <https://doi.org/10.1016/j.triboint.2021.107412> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Impact wear of chromium carbide based cermets**

**Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei** 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers 2008 / p. 27-28

**Impact wear of chromium carbide based cermets**

**Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei** Materials science 2008 / p. 341-344 : ill

### **Impact wear tester for the s[t]udy of abrasive erosion and milling processes**

**Tarbe, Riho; Kulu, Priit** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 561-566 : ill <http://innomet.ttu.ee/daaam08/online/Materials%20Engineering/Tarbe-rev.pdf>

### **Indentation energy and abrasive wear**

**Kallas, Paul** Journal of friction and wear 1995 / 2, p. 245-252

### **Indentation energy and abrasive wear of metals**

**Kallas, Paul** Wear 1996 / p. 77-85: ill

### **Influence of binder composition and microhardness on wear properties of light weight composites**

**Kommel, Lembit; Traksmäa, Rainer; Kimmari, Eduard** Powder metallurgy progress 2003 / 3, p. 140-145 : ill  
[https://www.researchgate.net/publication/269035885\\_Influence\\_of\\_binder\\_composition\\_and\\_microhardness\\_on\\_wear\\_properties\\_of\\_light\\_weight\\_composites](https://www.researchgate.net/publication/269035885_Influence_of_binder_composition_and_microhardness_on_wear_properties_of_light_weight_composites)

### **Influence of cleaning on wear of boiler tubes**

**Ots, Arvo** 10th International Conference on Boiler Technology 2006 : Poland, Szczyrk, Orle Gniazdo, 17-20 October 2006. Vol. 3 2006 / p. 45-65 : ill

### **Influence of different reinforcing particles on the scratch resistance and microstructure of different WC–Ni composites**

**Marou Alzouma, O.; Azman, M.-A.; Yung, Der-Liang; Fridrici, V.; Kapsa, Ph.** Wear 2016 / p. 130-135 : ill  
<https://doi.org/10.1016/j.wear.2016.02.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Influence of drag finishing to dry sliding wear behaviour of PVD nanocomposite nACo coating during running-in**

**Surženkov, Andrei; Podgurski, Vitali; Viljus, Mart; Adoberg, Eron; Nanits, Mats-Maidu; Kulu, Priit; Veinthal, Renno** Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 26

### **Influence of particle impact conditions and temperature on erosion–oxidation of steels at elevated temperatures**

**Huttunen-Saarivirta, E.; Antonov, Maksim; Veinthal, Renno; Tuiremo, J.; Mäkelä, K.; Siitonen, P.** Wear 2011 / p. 159-175 : ill

### **Influence of pressurized sintering on the performance of TiC-based cermets**

**Kübarsepp, Jakob; Klaasen, Heinrich; Tsinjan, Aleksei; Juhani, Kristjan; Kollo, Lauri; Viljus, Mart** Engineering materials and tribology 2013 / p. 56-61 [https://www.researchgate.net/publication/272047524\\_Influence\\_of\\_Pressurized\\_Sintering\\_on\\_Performance\\_of\\_TiC-Based\\_Cermets](https://www.researchgate.net/publication/272047524_Influence_of_Pressurized_Sintering_on_Performance_of_TiC-Based_Cermets)

### **Influence of surface morphology on the tribological behavior of diamond-like carbon coating**

**Podgurski, Vitali; Bogatov, Andrei; Freund, Martin; Kulu, Priit** Engineering materials and tribology 2013 / p. 83-91 : ill

### **Interfacial structure and wear properties of selective laser melted Ti/(TiC+TiN) composites with high content of reinforcements**

**Xi, Lixia; Ding, Kai; Gu, Dongdong; Guo, Shuang; Cao, Mengzhen; Zhuang, Jie; Lin, Kaijie; Okulov, Ilya; Sarac, Baran; Eckert, Jürgen; Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2021 / art. 159436, 9 p.: ill  
<https://doi.org/10.1016/j.jallcom.2021.159436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Investigation of particle - wall impact process**

**Kleis, Ilmar; Hussainova, Irina** Wear 1999 / p. 168-173 : ill

### **Investigation of particle-wall collision**

**Kleis, Ilmar; Frishman, Feliks; Hussainova, Irina** OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : program, abstracts 1996 / [1] p

### **Investigation of the tribological behavior of the additively manufactured TiC-based cermets by scratch testing**

**Maurya, Himanshu Singh; Jayaraj, Jayamani; Wang, Z.; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 170496, 9 p.: ill <https://doi.org/10.1016/j.jallcom.2023.170496> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Kalade varjupaik**

**Luczkowski, Teodor** Sõnumileht 1996 / 10. juuli, lk. 8: ill

### **Karbiidkomposiitide abrasiiv-erosioon- ja hõõrdekulumine**

**Vainola, Vello; Kübarsepp, Jakob; Klaasen, Heinrich; Loel, Rein** Tallinna Tehnikakõrgkooli Toimetised 2004 / lk. 66-71 : ill

### **Karbiidteraste kulumiskindlus abrasiivjoas : magistritöö : (vene keeles)**

**Annuka, Harri** 1992 [http://www.ester.ee/record=b2488716\\*est](http://www.ester.ee/record=b2488716*est)

### **Kulumis- ja disperseerimisprotsesside uuringutest TPI-s**

**Tadolder, Jüri** Tehnikauuringute areng Eesti NSV-s : vabariikliku konverentsi ettekannete teesid Tallinn, 15.-16. oktoober 1986 1986 / lk. 57-60 [https://www.ester.ee/record=b1258828\\*est](https://www.ester.ee/record=b1258828*est)

### **Kõrgtehnoloogilised pulberkomposiitmaterjalid ja -pinded tööks kulumise tingimustes**

**Kulu, Priit; Kübarsepp, Jakob** Teaduse uued suunad : materjaliteadus : Eesti Teaduste Akadeemia seminari materjalid : 23.10.2003 2004 / lk. 31-37 : ill

### **Laboratory testing of materials for tunnel boring machine drag bits**

**Katušin, Dmitri; Antonov, Maksim; Vu, Trieu Minh; Yung, Der-Liang** 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 300-303 : ill

### **Legeeritud titaankarbiidsete paagutatud kõvasulamite hüdroabrasiivne kulumine**

**Pöld, R.; Kallas, P.** XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 80-81 [https://www.ester.ee/record=b2449987\\*est](https://www.ester.ee/record=b2449987*est)

### **Load and temperature dependent sliding wear performance of Binder Jet 3D printed stainless-steel bonded cermet**

**Maurya, Himanshu Singh; Akhtar, F.; Prashanth, Konda Gokuldoss** Journal of materials research and technology 2025 / p. 1199-1212 <https://doi.org/10.1016/j.jmrt.2025.06.095>

### **Mapping of impact-abrasive wear performance of WC-Co cemented carbides**

**Antonov, Maksim; Veinthal, Renno; Yung, Der-Liang; Katušin, Dmitri; Hussainova, Irina** Wear 2015 / p. 971-978 : ill <https://doi.org/10.1016/j.wear.2015.02.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Mathematical models in biotribology with 2D-3D erosion integral-differential model and computational-optimization/simulation programming - a mathematical model construction based on experimental research**

Casesnoves, Francisco; **Surženkov, Andrei** International journal of scientific research in computer science, engineering and information technology 2017 / p. 329-356 : ill <http://ijsrcseit.com/CSEIT17224010>

### **Mechanical and wear behaviour of compression sintered hardmetals**

**Klaasen, Heinrich; Kübarsepp, Jakob; Kahar, Andres** PM2004 : Powder Metallurgy World Congress & Exhibition : 17-21st October 2004, Vienna, Austria : Euro PM2004 : conference proceedings. Volume 3 2004 / p. 557-562 : ill

### **Mechanical and wear behaviour of Tic-base cermets sintered by different techniques**

**Klaasen, Heinrich; Kollo, Lauri; Kübarsepp, Jakob** EURO PM2005 : congress & exhibition : 2-5 October 2005, Prague, Czech Republic : proceedings. Volume 1 2005 / p. 217-222 : ill

### **Mechanical properties and features of erosion of cermets**

**Hussainova, Irina; Pirso, Jüri; Kübarsepp, Jakob** Abstracts of 13th International Conference on Wear of Materials 2001 / p. 99

### **Mechanical properties and features of erosion of cermets**

**Hussainova, Irina; Jevgrafova, Natalja** Book of abstracts of 4th EUROMECH Solid Mech. Conf 2000 / p. 509

### **Mechanical properties and features of erosion of cermets**

**Hussainova, Irina; Kübarsepp, Jakob** 4th EUROMECH : Solid Mechanics Conference, Metz, France, June 26-30, 2000 : book of abstracts II, general sessions 2000 / p. 509

### **Mechanical properties of hard metals and their erosive wear resistance**

Reshetnjak, Heinrich; **Kübarsepp, Jakob** Wear 1994 / p. 185-193: ill

### **Mechanism of abrasion-erosion wear of thermal sprayed coatings**

**Kulu, Priit; Veinthal, Renno; Kõo, Jakob; Lille, Harri** Advances in mechanical behaviour, plasticity and damage : proceedings of EUROMAT 2000. Volume 1 2000 / p. 651-656 : ill

### **Mechatronic system to investigate the wear and shift of construction elements**

**Ajaots, Mado; Jakobson, Mart; Ojamäe, Argo; Pihl, Toomas** OST-98 Symposium on Machine Design : [Oulanka, Finland, October 1-3, 1998] : proceedings 1998 / p. 51-55: ill [https://www.ester.ee/record=b1237246\\*est](https://www.ester.ee/record=b1237246*est)

### **Metallide kulumisest abrasiivjoas : dissertatsioon**

**Kleis, Ilmar** 1959 [http://www.ester.ee/record=b2618797\\*est](http://www.ester.ee/record=b2618797*est)

### **Metallide kulumisest abrasiivjoas kõrgendatud temperatuuridel**

**Suur, Uno** 1966 [http://www.ester.ee/record=b2136265\\*est](http://www.ester.ee/record=b2136265*est)

**Metallide kulumisest tihendatud abrasiivmassis**

Saar, Bernhard 1965 [http://www.ester.ee/record=b2183368\\*est](http://www.ester.ee/record=b2183368*est)

**Metallide kulumisprotsessi uurimine abrasiivse vahekihi toimel**

Valdma, Leo 1956 [http://www.ester.ee/record=b2154642\\*est](http://www.ester.ee/record=b2154642*est)

**Metallide tööiga : korrosioon, kulumine, väsimine, roomavus**

Kallas, Paul; Kulu, Priit 1994 [https://www.ester.ee/record=b1066558\\*est](https://www.ester.ee/record=b1066558*est)

**Metallmaatrikskomposiitmaterjalid triboloogias : avalik loeng 3. mail 2007 TTÜs**

Veinthal, Renno Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 326-331 : ill

**Micromechanical properties and erosive wear performance of chromium carbide based cermets**

Hussainova, Irina; Jasiuk, Iwona; Sardela, M.; Antonov, Maksim Wear 2009 / p. 152-159 : ill

**Micro-scale studies of wear of composite materials**

Hussainova, Irina The 4th Nordic-Baltic SPM Workshop, Tartu, Estonia, May 29-31, 2002 : abstract book 2002 / p. 27-28

**Microstructural and mechanical characteristics of in situ synthesized chromium-nickel-graphite composites**

Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei; Juhani, Kristjan Materials science forum 2007 / Progress in powder metallurgy, p. 1209-1212 : ill <https://www.scientific.net/MSF.534-536.1209>

**Microstructural aspects of abrasive wear of composite powder materials and coatings**

Veinthal, Renno; Kulu, Priit; Käerdi, Helmo International journal of materials & product technology 2011 / p. 92-119 : ill

**Microstructural aspects of erosive wear of particulate reinforced composites**

Hussainova, Irina; Pirso, Jüri Book of the abstracts of 2003 International Conference on Powder Metallurgy & Particulate Materials : Las Vegas, USA, 2003 2003 / p. 122

**Microstructural aspects of erosive wear of particulate reinforced composites [Electronic resource]**

Hussainova, Irina; Pirso, Jüri Proceedings of 2003 International Conference on Powder Metallurgy & Particulate Materials : PM2TEC2003 : Las Vegas, USA, 2003 2003 / [CD-ROM]

**Microstructural aspects of fatigue mechanics of hardmetals and cermets**

Preis, Irina; Sergejev, Fjodor Macchine Utensili 2004 / July, p. 66-70

**Microstructural aspects of thermal sprayed WC-Co coatings and Ni-Cr coated steels = WC-Co termopinnete ja Ni-Cr pinnatud teraste metallograafilised aspektid**

Peetsalu, Priidu 2007 [https://www.ester.ee/record=b2315917\\*est](https://www.ester.ee/record=b2315917*est)

**Microstructural aspects of wear of nonhomogeneous materials**

Hussainova, Irina Abstracts of 1st ESF Nanotribology Workshop, Portovenere, Italy, 2002 2002 / p. 43

**Microstructural effects on wear of nonhomogeneous hardmetal materials**

Hussainova, Irina; Viljus, Mart Proceedings of the Estonian Academy of Sciences. Engineering 2003 / 2, p. 126-136 : ill [https://artiklid.elnet.ee/record=b1012788\\*est](https://artiklid.elnet.ee/record=b1012788*est)

**Microstructural, mechanical and corrosion behaviour of Al-Si alloy reinforced with SiC metal matrix composite**

Bandil, Kapil; Vashisth, Himanshu; Kumar, Sourav; Singh, Neera Journal of composite materials 2019 / p. 4215-4223 : ill <https://doi.org/10.1177/0021998319856679> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Microstructure and erosive wear in ceramic-based composites**

Hussainova, Irina Wear 2005 / p. 357-365 : ill

**Mida teha kulunud autorehvidega?**

Pöld, Rein; Mespak, Vello; Telgmaa, juhan Aja Pulss : Eesti ajakiri kõigile 1986 / lk. 9 [https://www.ester.ee/record=b1181577\\*est](https://www.ester.ee/record=b1181577*est)

**Miks kodumasinad aina vähem vastu peavad? "Probleem on sarnane kiirmoe edukusega."**

digi.geenius.ee 2023 [Miks kodumasinad aina vähem vastu peavad? "Probleem on sarnane kiirmoe edukusega."](#)

**Mixed interatomic potentials for simulation of nanofriction and interface phenomena in ceramics**

Pokropivny, Vladimir; Löhmus, Ants; Hussainova, Irina 15th International Baltic Conference "Engineering Materials & Tribology. Baltattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 7-10 : ill

### **Modeling of erosion wear of powder composite materials and coatings**

**Veinthal, Renno; Kulu, Priit; Käerdi, Helmo** Surface modification technologies : proceedings of the 20th International Conference on Surface Modification Technologies : September 25-29, 2006, Vienna, Austria 2007 / p. 129-132 : ill

### **Modelling of abrasive wear and prognostication of erosion resistance of powder materials and coatings**

**Kulu, Priit; Veinthal, Renno; Käerdi, Helmo** International Conference HighMatTech : October 15-19, 2007, Kiev, Ukraine : proceedings of conference 2007 / p. 472

### **Modelling of erosion wear of powder composite materials and coatings [Electronic resource]**

**Veinthal, Renno; Kulu, Priit** Proceedings of 15th IFHTSE and 20 SMT Congress : September 2006, Vienna 2006 / [CD-ROM]

### **Morphological changes on diamond and DLC films during sliding wear = Morfoloogilised muutused teemant- ja teemandilaadsetel pinnitel liugkulumisel**

**Bogatov, Andrei** 2015 [http://www.ester.ee/record=b4447899\\*est](http://www.ester.ee/record=b4447899*est)

### **Mõnede plastmasside erosioonkulumisest**

**Arumäe, Heino** 1967 [http://www.ester.ee/record=b2199521\\*est](http://www.ester.ee/record=b2199521*est)

### **Nanocrystalline diamond films deformation observed during sliding tests against Si<sub>3</sub>N<sub>4</sub> balls as a possible cause for ripple formation on wear scars surface**

**Bogatov, Andrei; Viljus, Mart; Raadik, Taavi; Hantschel, Thomas; Podgurski, Vitali** Medžiagotyra = Materials science 2015 / p. 349-352 : ill <https://doi.org/10.5755/j01.ms.21.3.7232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **New high frequency surface fatigue wear tester : design and first results**

**Antonov, Maksim; Kulu, Priit; Sergejev, Fjodor; Hussainova, Irina; Veinthal, Renno** Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10-13 June, 2008 2008 / p. NT2008-87-24 [https://www.researchgate.net/publication/288482524\\_New\\_high\\_frequency\\_surface\\_fatigue\\_wear\\_tester\\_Design\\_and\\_first\\_results](https://www.researchgate.net/publication/288482524_New_high_frequency_surface_fatigue_wear_tester_Design_and_first_results)

### **Novel thermal spray powders for corrosion and wear resistant coatings**

**Kulu, Priit; Zimakov, Sergei; Goljandin, Dmitri; Peetsalu, Priidu** Abstracts of International Conference Materials Engineering and Tribology 2002 / p. 40

### **Novel thermal spray powders for corrosion and wear resistant coatings**

**Kulu, Priit; Zimakov, Sergei; Goljandin, Dmitri; Peetsalu, Priidu** Medžiagotyra = Materials science 2002 / 4, p. 413-416 : ill

### **Novel wear resistant WC-based thermal sprayed coatings**

**Zimakov, Sergei** 2004 [https://www.ester.ee/record=b1988316\\*est](https://www.ester.ee/record=b1988316*est)

### **Nõrgavoolu liugekontaktide triboloogia : väitekiri ... magistri kraadi taotlemiseks**

**Jakobson, Mart** 1998 [https://www.ester.ee/record=b2687184\\*est](https://www.ester.ee/record=b2687184*est)

### **On micromechanical problems of erosive wear of particle reinforced composites**

**Hussainova, Irina** Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 1, p. 46-58 : ill

### **Optimization of hardmetal reinforcement content in Fe-based hardfacings for abrasive-impact wear conditions**

**Surženkov, Andrei; Tarbe, Riho; Tarraste, Marek; Simson, Taavi; Viljus, Mart; Kulu, Priit** European Conference on Heat Treatment 2016 and 3rd International Conference on Heat Treatment and Surface Engineering in Automotive Applications : 11-13 May 2016, Prague, Czech Republic, Břevnov Monastery 2016 / [10] p. : ill

### **Optimization of reinforcement content of powder metallurgy hardfacings in abrasive wear conditions**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Viljus, Mart; Tarraste, Marek; Goljandin, Dmitri** Proceedings of the Estonian Academy of Sciences 2016 / p. 90-96 : ill [https://artiklid.elnet.ee/record=b2768203\\*est](https://artiklid.elnet.ee/record=b2768203*est) <https://doi.org/10.3176/proc.2016.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Optimization of structure of hardmetal reinforced iron-based PM hardfacings for abrasive wear conditions**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Goljandin, Dmitri; Tarbe, Riho; Tarraste, Marek; Viljus, Mart** Engineering materials and tribology XXV 2017 / p. 351-355 <https://doi.org/10.4028/www.scientific.net/KEM.721.351> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Overview of hard cyclic viscoplastic deformation as a new SPD method for modifying the structure and properties of niobium and tantalum**

**Kommel, Lembit** Nanotechnology and advanced material science 2024 / 15 p <https://doi.org/10.31038/NAMS.2024721>

### **Overview of tunnel boring machines and testing devices for drag bits**

**Overview of wear problems in circulating fluidized bed boilers**

**Priss, Jelena; Klevtsov, Ivan** 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 / p. 157-159 : ill

**Particle reinforced polymer composites resistance to three body abrasive wear**

**Aruniit, Aare; Antonov, Maksim; Kers, Jaan; Krumme, Andres** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

**Peculiarities of hardmetals wear in blanking of sheet metals**

**Klaasen, Heinrich; Kübarsepp, Jakob; Eigi, R.** Tribology international 2006 / 4, p. 303-309 : ill

**Performance and failure of carbide composites in different wear conditions**

**Klaasen, Heinrich; Roosaar, Tõnu; Kübarsepp, Jakob; Tšinjan, Aleksei** International Powder Metallurgy Congress & Exhibition : EURO PM2009 : 12th October - 14th October 2009, Copenhagen, Denmark : proceedings. Vol.1 2009 / p. 317-322 : ill

**Performance of carbide composites in cyclic loading wear conditions**

**Klaasen, Heinrich; Kübarsepp, Jakob; Tšinjan, Aleksei; Sergejev, Fjodor** Wear 2011 / p. 837-841 : ill

**Performance of cemented carbides in cyclic loading wear conditions**

**Kübarsepp, Jakob; Klaasen, Heinrich; Sergejev, Fjodor** Materials science forum 2007 / Progress in powder metallurgy, p. 1221-1224 : ill

**Performance of cemented carbides in cyclic loading wear conditions**

**Kübarsepp, Jakob; Klaasen, Heinrich; Sergejev, Fjodor** Extended abstracts of 2006 Powder Metallurgy World Congress : Busan, Korea, September 24-28. 2 2006 / p. 887-888

**Performance of cemented carbides in cyclic loading wear conditions**

**Kübarsepp, Jakob; Klaasen, Heinrich; Sergejev, Fjodor** Progress in powder metallurgy. Part 2, Proceedings of the 2006 Powder Metallurgy World Congress & Exhibition (PM2006), Busan, Korea, September 24-28, 2006 2006 / p. 1221-1224 : ill

**Performance of ceramic-metal composites as potential tool materials for friction stir welding of aluminium, copper and stainless steel**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt; Tarraste, Marek; Viljus, Mart** Materials 2020 / art. 1994, 18 p. : ill <https://doi.org/10.3390/ma13081994> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Performance of hard alloys in abrasive-erosive and sliding wear conditions**

**Kübarsepp, Jakob; Klaasen, Heinrich; Vainola, Vello** Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 4, p. 308-314 : ill

**Performance of tool steels strengthened by PVD coatings**

**Klaasen, Heinrich; Kübarsepp, Jakob; Tšinjan, Aleksei; Adoberg, Eron; Vainola, Vello** World PM 2010 : International Powder Metallurgy Congress & Exhibition : 10th October – 14th October 2010 : Fortezza da Basso, Florence, Italy 2010 / [6] p

**Performance of tool steels strengthened by PVD coatings in adhesion and cyclic loading wear conditions**

**Tšinjan, Aleksei; Klaasen, Heinrich; Kübarsepp, Jakob; Adoberg, Eron; Talkop, Adolf; Viljus, Mart** Proceedings of EURO PM 2011 Congress & Exhibition : October 9-12, 2011, Barcelona, Spain 2011 / [6] p.: ill  
[https://www.researchgate.net/publication/286309089\\_Performance\\_of\\_tool\\_steels\\_strengthened\\_by\\_PVD\\_coatings\\_in\\_adhesion\\_and\\_cyclic\\_loading\\_wear\\_conditions](https://www.researchgate.net/publication/286309089_Performance_of_tool_steels_strengthened_by_PVD_coatings_in_adhesion_and_cyclic_loading_wear_conditions)

**Phase, microstructure, and wear behavior of Al<sub>2</sub>O<sub>3</sub>-reinforced Fe–Si alloy-based metal matrix nanocomposites**

**Saxena, Akash; Singh, Neera;** Singh, Bhupendra; Kumar, Devendra; Sadasivuni, Kishor Kumar; Gupta, Pallav; Kumar, Devendra Proceedings of the institution of mechanical engineers part L Journal of Materials Design and Applications Journal of materials design and applications 2020 / art. 146442071989338, p. 467-480 <https://doi.org/10.1177/1464420719893387> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The physical mechanism of the formation of metal microspheres in the wear process**

**Kleis, Ilmar; Muiste, U.; Pilvre, Uno; Uuemõis, Haljand;** Uetz, H. Wear : an international journal on the science and technology of friction, lubrication and wear 1979 / p. 79-85 : ill [https://www.estel.ee/record=b1202696\\*est](https://www.estel.ee/record=b1202696*est)

**Plasma transferred arc hardfacings reinforced by chromium carbide based cermet particles**

**Zikin, Arkadi; Hussainova, Irina;** Winkelmann, Horst; Kulu, Priit; Badisch, Ewald International heat treatment and surface engineering 2012 / p. 88-92  
[https://www.researchgate.net/publication/227944686\\_Plasma\\_transferred\\_arc\\_hardfacings\\_reinforced\\_by\\_chromium\\_carbide\\_based\\_cermet\\_particles](https://www.researchgate.net/publication/227944686_Plasma_transferred_arc_hardfacings_reinforced_by_chromium_carbide_based_cermet_particles)

---

**Plasma transferred ARC (PTA) hardfacing of recycled hardmetal reinforced nickel-matrix surface composites**

**Zikin, Arkadi;** Ilo, Sotirag; **Kulu, Priit; Hussainova, Irina;** Katsich, Christian; Badisch, Ewald Materials science = Medžiagotyra 2012 / p. 12-17 : ill <https://matsc.ktu.lt/index.php/MatSc/article/view/1334>

**Pneumo- ja rõngasketruslõnga erinevus ja mettimise iseärasused**

**Roode, Sille** 1999 [https://www.ester.ee/record=b1345527\\*est](https://www.ester.ee/record=b1345527*est)

**Powder coatings for abrasive wear**

**Pihl, Toomas** 2002 [https://www.ester.ee/record=b1733979\\*est](https://www.ester.ee/record=b1733979*est)

**Prediction of abrasive erosion impact wear of composite hardfacings**

**Kulu, Priit; Casesnoves, Francisco; Simson, Taavi; Tarbe, Riho** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 201-206 <https://doi.org/10.4028/www.scientific.net/SSP.267.201> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Prediction of erosive wear of powder materials with hardmetal-type structure**

**Veinthal, Renno; Käerdi, Helmo; Kulu, Priit** The 16th International Federation for Heat Treatment and Surface Engineering (IFHTSE) Congress, Brisbane, Australia, 30.10-02.11.2007 2008 / ? p

**Principle of magnetic filtration of wear particles in oils by predicting failures in machines**

Soon, Ants International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 32-33: ill

**Processing and tribological properties of Cr3C2**

**Jevgrafova, Natalja; Hussainova, Irina** OST-01 Symposium on Machine Design : Tallinn, Estonia, October 4-5, 2001 : proceedings 2001 / p. 245-250 : ill

**Processing and tribological properties of Cr3C2**

**Jevgrafova, Natalja; Hussainova, Irina** International Symposium on Machine Design OST 2001 : [Tallinn, Estonia, October 4-5, 2001] : abstracts 2001 / [1] p

**Prognosis of abrasive-erosive wear resistance of powder coatings [Electronic resource]**

**Kulu, Priit** 23rd Meeting IRG-OECD, Coimbra, 2002 2002 / p. 14 [CD-ROM]

**Prognostizieren des Strahlverschleisses in Desintegratoren**

**Ellermaa, Riho-Rene; Kleis, Ilmar** Berg- und Hüttenmännischer Tag, 1990, Freiberg, DDR 1990 / S. 169-176

**Properties of hardmetals influencing their adhesive wear in sheet metal blanking**

**Klaasen, Heinrich; Kübarsepp, Jakob** 9th Nordic Symposium on Tribology NORDTRIB 2000 : Porvoo, Finland, 11-14 June 2000. Vol. 3 2000 / p. 877-885 : ill

**Properties of hardmetals influencing their adhesive wear in sheet metal blanking**

**Klaasen, Heinrich; Kübarsepp, Jakob** Tribologia 2001 / 1, p. 23-30 : ill

**PTA welding cladding for wear and corrosion protection**

**Zimakov, Sergei;** Keränen, M. Abstracts of 6th Powder Metallurgy RAMPD Net Work Seminar : 29-30 Jan. 2004, Tampere 2004 / p. ?

**Pulberpinded**

**Kulu, Priit** 1989 [https://www.ester.ee/record=b1240450\\*est](https://www.ester.ee/record=b1240450*est)

**Railway : wear and noise**

Rasmussen, Gunnar Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 203-208: ill

**Real-time machinery monitoring applications in shop floor**

**Aruväli, Tanel; Reinson, Taavi; Serg, Risto** Proceedings of the World Congress on Engineering and Computer Science 2011 : WCECS 2011 : October 19-21, 2011, San Francisco, USA. Vol. I 2011 / p. 337-342 : ill [https://www.iaeng.org/publication/WCECS2011/WCECS2011\\_pp337-342.pdf](https://www.iaeng.org/publication/WCECS2011/WCECS2011_pp337-342.pdf)

**Research of abrasive erosion wear for Fe-C-Cr-B hard layers**

Janauskas, V.; Kreivaitis, R.; **Kulu, Priit; Antonov, Maksim;** Milcius, D.; Varnauskas, V. Mechanika 2008 / 4, p. 71-76 : ill <https://mechanika.ktu.lt/index.php/Mech/article/view/15098>

**Residual stresses on various PVD hard coatings on tube and plate substrates**

Lille, Harri; Ryabchikov, Alexander; **Peetsalu, Priidu; Lind, Liina; Sergejev, Fjodor; Mikli, Valdek; Kübarsepp, Jakob** Coatings 2020 / art. 1054, 11 p <https://doi.org/10.3390/coatings10111054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rippling on wear scar surfaces of nanocrystalline diamond films after reciprocating sliding against ceramic balls**

**Podgurski, Vitali; Hantschel, Thomas; Bogatov, Andrei; Kimmari, Eduard; Antonov, Maksim; Viljus, Mart; Mikli, Valdek; Raadik, Taavi; Kulu, Priit** Tribology letters 2014 / p. 493-501 : ill <https://doi.org/10.1007/s11249-014-0379-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Selection criteria for abrasive erosion wear resistant powder coatings**

**Kulu, Priit; Veinthal, Renno** Medžiagotyra = Materials science 2002 / 4, p. 425-429 : ill

**Selection criteria for abrasive erosion wear resistant powder coatings**

**Kulu, Priit; Veinthal, Renno** Abstracts of International Conference Materials Engineering and Tribology 2002 / p. 38

**Selection criteria for abrasive erosion wear resistant powder coatings**

**Kulu, Priit; Veinthal, Renno** Abstracts of 10th Nordic Symposium on Tribology NORDTRIB 2002 / p. 163

**Selection criteria for abrasive erosion wear resistant powder coatings [Electronic resource]**

**Kulu, Priit; Veinthal, Renno** Proceedings of 10th Nordic Symposium on Tribology NORDTRIB 2002 / [CD-ROM]

**Selection criteria for wear resistant powder coatings under extreme erosive wear conditions**

**Kulu, Priit; Pihl, Toomas** Journal of thermal spray technology 2002 / p. 517-522 : ill

**Selection of coating systems and processes for different wear conditions**

**Kulu, Priit; Saarna, Mart; Sergejev, Fjodor; Gregor, Andre; Surženkov, Andrei** Proceedings of 14th Nordic Symposium on Tribology : NORDTRIB 2010 : 08.06-11.06.2010, Storforsen, Sweden 2010 / [8] p. [CD-ROM]

**Selection of hardmetal containing hardfacings for different abrasive conditions**

**Kulu, Priit; Surženkov, Andrei; Simson, Taavi; Sarjas, Heikki** European Conference on Heat Treatment 2016 and 3rd International Conference on Heat Treatment and Surface Engineering in Automotive Applications : 11-13 May 2016, Prague, Czech Republic, Břevnov Monastery 2016 / [10] p. : ill

**Selection of powder coatings for extreme conditions of abrasive wear**

**Kulu, Priit** EUROMAT 2001 : 7th European Conference on Advanced Materials and Processes : Rimini, Italy, 10-14 June, 2001 : conference abstracts 2001 / p. 117

**Selection of powder coatings for extreme conditions of abrasive wear [Electronic resource]**

**Kulu, Priit** Proceedings of 7th European Conference on Advanced Materials and Processes : EUROMAT 2001 : Italy 2001 / [CD-ROM]

**Selection of powder coatings for extreme erosion wear conditions**

**Kulu, Priit** Advanced engineering materials 2002 / 6, p. 392-397 : ill

**Selective laser melting of Al-7Si-0.5 Mg-0.5Cu : effect of heat treatment on microstructure evolution, mechanical properties and wear resistance**

Wang, Pei; Yu, Sijie; Shergill, Jaskarn; Chaubey, Anil; Eckert, Jürgen; **Prashanth, Konda Gokuldoss;** Scudino, Sergio Acta Metallurgica Sinica (English Letters) 2022 / p. 389-396 : ill <https://doi.org/10.1007/s40195-021-01279-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Simple modification to the linear wear model in order to consider friction**

**Põdra, Priit; Ajaots, Mairo** OST-01 Symposium on Machine Design : Tallinn, Estonia, October 4-5, 2001 : proceedings 2001 / p. 37-43 : ill

**Simple modification to the linear wear model in order to consider friction**

**Põdra, Priit; Ajaots, Mairo** International Symposium on Machine Design OST 2001 : [Tallinn, Estonia, October 4-5, 2001] : abstracts 2001 / [1] p

**Simulating sliding wear with finite element method**

**Põdra, Priit;** Andersson, Sören Tribology international 1999 / p. 71-81 : ill

**Simulation of wear in a rolling-sliding contact by a semi-Winkler model and the Archard's wear law**

**Telliskivi, Tanel** Wear 2004 / 7/8, p. 817-831 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0043164803005246>

**Sinter/HIP technology of TiC-based cermets = Titaankarbiidkermiste survepaagutustehnoloogia**  
Kollo, Lauri 2007

**Sliding and erosion wear of cemented carbides**

**Kübarsepp, Jakob; Klaasen, Heinrich; Vainola, Vello** Engineering Materials & Tribology 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 120-122 : ill

**Sliding Wear and Debris Evolution in LPBFed Ceramic-Reinforced Steel Composites Under Variable Loads and Temperatures**

**Maurya, Himanshu Singh;** Kumar, Rahul, 1993-; Subramaniyan, Anand Kumar; **Tarraste, Marek; Hussain, Abrar;** Rahmani Ahranjani, Ramin; **Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss** Materials Chemistry and Physics 2025 / art. 131195 <https://doi.org/10.1016/j.matchemphys.2025.131195>

**Sliding wear behaviour of basalt containing composites with additions of either metallic and/or ceramic phases**

**Antonov, Maksim; Goljandin, Dmitri; Andreev, A.; Voltšihhin, Nikolai; Hussainova, Irina** BaltTrib 2013 : VII International Scientific Conference : proceedings 2013 / p. 67-72 : ill

**Sliding wear of chromium carbide based cermets under different wear conditions**

**Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovičs, Sergei** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 455-459 : ill  
<http://innomet.ttu.ee/daaam08/Online/Materials%20Engineering/Juhani.pdf>

**Sliding wear of composite stainless steel hardfacing under room and elevated temperature**

**Surženkov, Andrei; Baroninš, Janis; Viljus, Mart; Traksmaa, Rainer; Kulu, Priit** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 195-200 : ill <https://doi.org/10.4028/www.scientific.net/SSP.267.195> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Sliding wear of Cr<sub>3</sub>C<sub>2</sub>-Ni base cermets**

**Letunovičs, Sergei; Viljus, Mart; Pirso, Jüri** Medžiagotyra = Materials science 2002 / 4, p. 477-480 : ill

**Sliding wear of Cr<sub>3</sub>C<sub>2</sub>-Ni cermets**

**Letunovičs, Sergei; Viljus, Mart; Pirso, Jüri** Abstracts of International Conference Materials Engineering and Tribology 2002 / p. 9

**Sliding wear of HVOF sprayed self-fluxing alloy matrix cermet particles reinforced composite coatings**

**Surženkov, Andrei; Antonov, Maksim; Mikli, Valdek;** Latokartano, Jyrki; **Vilgo, Timo; Kulu, Priit** BALTTTRIB'2013 : VII International Scientific Conference : 14-15 November 2013, Kaunas, Lithuania : proceedings 2013 / p. 62-66  
[https://www.researchgate.net/publication/258862543\\_SLIDING\\_WEAR\\_OF\\_HVOF\\_SPRAYED\\_SELF-FLUXING\\_ALLOY\\_MATRIX\\_CERMET\\_PARTICLES\\_REINFORCED\\_COMPOSITE\\_COATINGS](https://www.researchgate.net/publication/258862543_SLIDING_WEAR_OF_HVOF_SPRAYED_SELF-FLUXING_ALLOY_MATRIX_CERMET_PARTICLES_REINFORCED_COMPOSITE_COATINGS)

**Sliding wear of PVD hard coatings: fatigue and measurement aspects = Õhukeste kõvapinnete liugekulumine: väsimuse ja mõõtmise aspektid**

**Sivitski, Alina** 2010 [https://www.ester.ee/record=b2635254\\*est](https://www.ester.ee/record=b2635254*est)

**Sliding wear of the cermets**

**Letunovičs, Sergei; Pirso, Jüri; Viljus, Mart** Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 70

**Sliding wear of TiC-NiMo and Cr<sub>3</sub>C<sub>2</sub>-Ni cermet particles reinforced FeCrSiB matrix HVOF sprayed coatings**

**Surženkov, Andrei; Antonov, Maksim; Goljandin, Dmitri; Vilgo, Timo; Mikli, Valdek; Viljus, Mart;** Latokartano, Jyrki; **Kulu, Priit** Estonian journal of engineering 2013 / p. 203-211 : ill <https://doi.org/10.3176/eng.2013.3.03> [Article at Scopus](#)

**Sliding wear of TiC-NiMo cermets**

**Pirso, Jüri; Letunovičs, Sergei; Viljus, Mart** Tribology international 2004 / p. 817-824 : ill

**Sliding wear performance of in-situ spark plasma sintered Ti-TiBw composites at temperatures up to 900 °C**

**Kumar, Rahul, 1993-; Antonov, Maksim; Liu, Lei; Hussainova, Irina** Wear 2021 / art. 203663, 9 p.: ill  
<https://doi.org/10.1016/j.wear.2021.203663> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Slurry erosion resistance of Cr<sub>3</sub>C<sub>2</sub>-Ni cermets**

**Juhani, Kristjan; Pirso, Jüri; Viljus, Mart** International Powder Metallurgy Congress & Exhibition : EURO PM2009 : 12th October - 14th October 2009, Copenhagen, Denmark : proceedings. Vol.1 2009 / p. 305-310 : ill  
[https://www.researchgate.net/publication/288472950\\_Slurry\\_erosion\\_resistance\\_of\\_Cr3C2-Ni\\_cermets](https://www.researchgate.net/publication/288472950_Slurry_erosion_resistance_of_Cr3C2-Ni_cermets)

**Slurry erosion testing of steel with oil shale ash as abrasive**

**Priss, Jelena; Klevtsov, Ivan; Juhani, Kristjan; Antonov, Maksim** 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p.

**Slurry erosion wear of TiC-NiMo and WC-Co cermets**

Juhani, Kristjan; Pirso, Jüri; Viljus, Mart Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [IJ] 2010 / p. 456-461 : ill

**Solid lubrication at high-temperatures - a review**

Kumar, Rahul, 1993-; Hussainova, Irina; Rahmani Ahranjani, Ramin; Antonov, Maksim Materials 2022 / art. 1695  
<https://doi.org/10.3390/ma15051695> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Solid particle erosion : occurrence, prediction and control**

Kleis, Ilmar; Kulu, Priit 2008 [http://www.ester.ee/record=b2368841\\*est](http://www.ester.ee/record=b2368841*est)

**Solid particle erosion : occurrence, prognostification and control**

Kleis, Ilmar; Kulu, Priit 2005 [https://www.ester.ee/record=b2080005\\*est](https://www.ester.ee/record=b2080005*est)

**Solid particle erosion of refractories : A critical discussion of two test standards**

Varga, Markus; Antonov, Maksim; Tumma, Mike Wear 2019 / p. 552-561 : ill <https://doi.org/10.1016/j.wear.2018.12.062> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Solid particle erosion of the Cr<sub>3</sub>C<sub>2</sub>-Ni metalmatrix composites**

Antonov, Maksim; Hussainova, Irina; Pirso, Jüri OST-01 Symposium on Machine Design : Tallinn, Estonia, October 4-5, 2001 : proceedings 2001 / p. 233-243 : ill

**Solid particle erosion of thermal sprayed coating**

Kulu, Priit Abstracts of International Conference on Erosive and Abrasive Wear II : Cambridge, UK, 2003 2003 / p. 1.3  
<https://www.sciencedirect.com/science/article/abs/pii/S0043164804001644>

**Solid particle erosion of thermal sprayed coatings**

Kulu, Priit; Hussainova, Irina; Veinthal, Renno Wear 2005 / 1/4, p. 488-496 : ill

**Some aspects of solid particle erosion of cermets**

Hussainova, Irina Tribology international 2001 / p. 89-93

**Strahl Verschleißuntersuchungen an modernen Konstruktionswerkstoffen**

Kleis, Ilmar; Pappel, Toivo; Arumäe, Heino Wissenschaftliche Berichte der Ingenieurhochschule Zittau 1982 / p. 64-66

**Structure and properties of HVOF-sprayed and PTA-welded cermet hard phase reinforced Fe-matrix based coatings**

Kulu, Priit; Zikin, Arkadi; Surženkov, Andrei; Tarbe, Riho 2nd Mediterranean Conference & New Challenges on Heat Treatment and Surface Engineering : Dubrovnik-Cavtat, Croatia, 11-14 June 2013 2013 / p. 37-44  
<https://www.inderscienceonline.com/doi/abs/10.1504/IJMMP.2014.061054>

**Structure and properties of HVOF-sprayed and PTA-welded cermet hard phase reinforced Fe-matrix-based coatings**

Kulu, Priit; Zikin, Arkadi; Surženkov, Andrei; Tarbe, Riho International journal of microstructure and materials properties 2014 / p. 4-14 <https://doi.org/10.1504/IJMMP.2014.061054> Journal metrics at Scopus Article at Scopus

**Structure sensitivity of hard metals and their durability in metal forming operations**

Kübarsepp, Jakob; Reshetnjak, Heinrich International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 133-136: ill

**Structure sensitivity of wear resistance of hardmetals**

Reshetnjak, Heinrich; Kübarsepp, Jakob The technology, application and markets of hard and superhard materials : abstracts of the International Conference in Johannesburg, South-Africa, 1995 / South-African Powder Metallurgy Association 1995 / p. 24

**Structure sensitivity of wear resistance of hardmetals**

Reshetnjak, Heinrich; Kübarsepp, Jakob International journal of refractory metals & hard materials 1997 / p. 89-95: ill  
[https://doi.org/10.1016/S0263-4368\(96\)00018-2](https://doi.org/10.1016/S0263-4368(96)00018-2)

**Study of properties of HVOF-sprayed coatings**

Kulu, Priit; Ojaviir, Marek; Veinthal, Renno Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 214-217 : ill

**Subsurface of Cr<sub>3</sub>C<sub>2</sub>-Ni cermets modified by wear [Electronic resource]**

Antonov, Maksim; Hussainova, Irina Proceedings of the 10th International Conference of the European Ceramic Society 2008 / ? p. [CD-ROM] [https://www.academia.edu/24587100/Subsurface\\_of\\_Cr\\_3\\_C\\_2\\_Ni\\_Cermets\\_Modified\\_by\\_Wear](https://www.academia.edu/24587100/Subsurface_of_Cr_3_C_2_Ni_Cermets_Modified_by_Wear)

### **Superior wear resistance in EBM-Processed TC4 alloy compared with SLM and forged samples**

Zhang, Weiwen; Qin, Peiting; Wang, Zhi; Yang, Chao; **Kollo, Lauri**; Grzesiak, Dariusz; **Prashanth, Konda Gokuldoss** Materials 2019 / art. 782 <https://doi.org/10.3390/ma12050782> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Surface fatigue and wear of PVD coated punches during fine blanking operation**

**Sergejev, Fjodor; Peetsalu, Priidu; Sivitski, Alina; Saarna, Mart; Adoberg, Eron** Engineering failure analysis 2011 / p. 1689-1697 : ill

### **Surface fatigue and wear resistance of thin and thick hard coatings**

**Kulu, Priit; Saarna, Mart; Sergejev, Fjodor; Gregor, Andre; Sivitski, Alina; Müller, H.** IFHTSE International Federation for Heat Treatment and Surface Engineering 18th Congress : July 26-30, 2010, Rio de Janeiro, Brazil : [CD-ROM] 2010 [https://www.researchgate.net/publication/289598093\\_Surface\\_fatigue\\_and\\_wear\\_resistance\\_of\\_thin\\_and\\_thick\\_hard\\_coatings](https://www.researchgate.net/publication/289598093_Surface_fatigue_and_wear_resistance_of_thin_and_thick_hard_coatings)

### **Surface fatigue processes at impact wear of powder materials**

**Kulu, Priit; Veinthal, Renno; Saarna, Mart; Tarbe, Riho** Wear 2007 / 1, p. 463-471 : ill

### **Surface fatigue processes at impact wear of powder materials**

**Kulu, Priit; Veinthal, Renno; Saarna, Mart; Tarbe, Riho** WOM : 16th International Conference on Wear of Materials : Montreal, Quebec, Canada, April 15-19, 2007 : delegate manual 2007 / p. 17D.1 <https://www.sciencedirect.com/science/article/pii/S0043164807003894>

### **Sustainable fabrication of polypropylene-postconsumer cotton composite materials : circularity, characterization, mechanical testing, and tribology**

**Hussain, Abrar; Podgurski, Vitali; Goljandin, Dmitri; Antonov, Maksim; Viljus, Mart; Krasnou, Illia** Materials today sustainability 2023 / art. 100344, 16 p. : ill <https://doi.org/10.1016/j.mtsust.2023.100344> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Temperature-induced wear micro-mechanism transition in additively deposited nickel alloys with different solid lubricants**

**Kumar, Rahul, 1993-; Hussainova, Irina; Antonov, Maksim; Maurya, Himanshu Singh; Rodríguez Ripoll, Manel** Wear 2024 / art. 205452 <https://doi.org/10.1016/j.wear.2024.205452> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Testing a method for evaluating the performance of coatings on end mills in semi-industrial conditions**

Leemet, Tõnu; Allas, Jaanus; Madissoo, Marten; Adoberg, Eron; **Saar, Rando** Agronomy research 2014 / p. 263-268 : ill <https://www.cabidigitallibrary.org/doi/pdf/10.5555/20143184842> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **The abrasive erosion wear resistance of powder coating**

**Kulu, Priit** Tribologia : Finnish journal of tribology 1989 / p. 12-25 [https://www.ester.ee/record=b1585989\\*est](https://www.ester.ee/record=b1585989*est)

### **The effect of microstructure evolution on the wear behavior of tantalum processed by Indirect Extrusion Angular Pressing**

**Omranpour Shahreza, Babak; Huot, Jacques; Antonov, Maksim; Kommel, Lembit; Sergejev, Fjodor; Perez Trujillo, Francisco Javier; Heczal, Anita; Gubicza, Jeno** International journal of refractory metals and hard materials 2023 / art. 106079, 11 p. : ill <https://doi.org/10.1016/j.ijrmhm.2022.106079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The effect of test conditions on the erosion resistance of cermets**

**Antonov, Maksim; Hussainova, Irina** International Symposium on Machine Design OST 2001 : [Tallinn, Estonia, October 4-5, 2001] : abstracts 2001 / [1] p

### **The features of wear and application of hardmetals**

**Kübarsepp, Jakob; Pirsio, Jüri; Annuka, Harri** Mekaaniset kulumisilmiöt ja kulutusta kestävät materiaalit : proceedings of spring seminar, June 8-10, 1998, Korpihahti, Finland 1998 / p. 14.1-14.5

### **The hard-particle erosion of engineering ceramics**

**Kleis, Ilmar; Pappel, Priit** Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / I. 29 [https://www.ester.ee/record=b1492085\\*est](https://www.ester.ee/record=b1492085*est)

### **The influence of cleaning on corrosive-erosive wear of steam boiler heating surface tubes**

**Ots, Arvo** The impact of ash deposition on coal fired plants 1994 / p. 759-766: ill

### **The influence of refractory composition in binder phase on wear properties of boron carbide aluminium composites**

**Kommel, Lembit; Traksmäa, Rainer; Kimmari, Eduard** Abstracts of 10th Nordic Symposium on Tribology NORDTRIB 2002 / p. 97

### **The influence of refractory composition in binder phase on wear properties of boron carbide aluminium composites [Electronic resource]**

**Kommel, Lembit; Traksmäa, Rainer; Kimmari, Eduard** Proceedings of 10th Nordic Symposium on Tribology NORDTRIB 2002 / Ref. 18 [CD-ROM]

### **The method for determining the dynamic hardness of materials**

**Kleis, Ilmar; Remi, Toomas** OST-01 Symposium on Machine Design : Tallinn, Estonia, October 4-5, 2001 : proceedings 2001 / p. 329-331 : ill

### **The modelling and prognosis of hydroabrasive wear of hard alloys**

**Valdma, Leo; Kallas, Paul** Proceedings of the 5th international congress on tribology, vol. 3 1989 / p. 71-75 : ill  
[https://www.eester.ee/record=b4467987\\*est](https://www.eester.ee/record=b4467987*est)

### **The principles of the choice of powder coatings for abrasive erosion wear conditions**

**Kulu, Priit** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 106-114: ill

### **The technology and properties of sprayed coatings**

**Pihl, Toomas; Mikli, Valdek** Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 218-220

### **The wear mechanism in heavy-loaded lubricated coated/steel sliding contacts**

Vlad, Mihaela; Szczerek, Marian; Michalczewski, Remigiusz; **Antonov, Maksim** Tribologia 2010 / 6, p. 153-168 : ill  
[https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://bibliotekanauki.pl/articles/190040.pdf&ved=2ahUKewi29Zn44oeIAxhMhAIHUbTCiYQFnoECBIQAQ&usq=AOvVaw2FT2xYT98MhnLtuIMDb\\_IU](https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://bibliotekanauki.pl/articles/190040.pdf&ved=2ahUKewi29Zn44oeIAxhMhAIHUbTCiYQFnoECBIQAQ&usq=AOvVaw2FT2xYT98MhnLtuIMDb_IU)

### **The wear of PVD coated elements in oscillation motion at high temperature**

Michalczewski, Remigiusz; Kalbarczyk, Marek; Slomka, Zbigniew; **Liu, Le; Antonov, Maksim; Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2021 / p. 500-507 : ill <https://doi.org/10.3176/proc.2021.4.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The wear resistance tests of cermets and relations between different types of wear**

**Joost, Renee; Letunovitš, Sergei; Pirso, Jüri; Juhani, Kristjan** Proceedings of 14th Nordic Symposium on Tribology : NORDTRIB 2010 : 08.06-11.06.2010, Storforsen, Sweden 2010 / [6] p.: ill. [CD-ROM]

### **Thermoeffects on tribological behavior of cermets**

**Hussainova, Irina** OST-01 Symposium on Machine Design : Tallinn, Estonia, October 4-5, 2001 : proceedings 2001 / p. 283-291 : ill

### **Thermoeffects on tribological behavior of cermets**

**Hussainova, Irina** International Symposium on Machine Design OST 2001 : [Tallinn, Estonia, October 4-5, 2001] : abstracts 2001 / [1] p

### **Thermomechanical effects on the wear behavior of cermets : flash temperature**

**Hussainova, Irina** Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 186-189 : ill

### **Three-body abrasive wear of cermets**

**Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei; Juhani, Kristjan; Joost, Renee** Wear 2011 / p. 2868-2878 : ill

### **Three-body abrasive wear of reactive sintered WC-Co hardmetals with grain growth inhibitors**

**Juhani, Kristjan; Pirso, Jüri; Tarraste, Marek; Viljus, Mart; Suurkivi, Taavi** Engineering materials & tribology XXII 2014 / p. 277-282 <https://doi.org/10.4028/www.scientific.net/KEM.604.277> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Three-body abrasive wear of TiC-NiMo cermets**

**Pirso, Jüri; Viljus, Mart; Juhani, Kristjan; Kuningas, Marius** Tribology international 2010 / 1/2, p. 340-346 : ill

### **Three-body abrasive wear of WC-Co composites manufactured by reactive sintering of nanocrystalline powders [Electronic resource]**

**Juhani, Kristjan; Joost, Renee; Pirso, Jüri; Letunovitš, Sergei; Viljus, Mart; Tarraste, Marek** 5th World Tribology Congress, WTC 2013 : [proceedings]. Vol. 3 2014 / p. 2084-2087. [CD-ROM]

### **3D printed metal and metal-ceramic cellular lattice structures for wear and thermoacoustic applications = 3D prinditud metall- ja metall-keraamilised kärgvõre struktuurid triboloogilistele- ja termoakustilistele rakendustele**

**Holovenko, Yaroslav** 2019 <https://digi.lib.ttu.ee/i/?12289>

### **TiAlN coatings tribology for textile machinery parts**

**Hussain, Abrar; Podgurski, Vitali; Goljandin, Dmitri; Antonov, Maksim** Proceedings of the Estonian Academy of Sciences 2021 / p. 163-171 : ill <https://doi.org/10.3176/proc.2021.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **TiC-base cermets as wear resistant materials**

**Kübarsepp, Jakob; Klaasen, Heinrich; Pirso, Jüri; Klaasen, Heinrich vt.ka Reshetnjak, Heinrich;** Reshetnjak, Heinrich vt.ka Klaasen, Heinrich 9th Nordic Symposium on Tribology NORDTRIB 2000 : Porvoo, Finland, 11-14 June 2000. Vol. 1 2000 / p. 206-215 : ill

### **Tire and pavement wear interaction monitoring for road performance indicators**

**Körbe Kaare, Kati;** Kuhi, Kristjan; **Koppel, Ott** Estonian journal of engineering 2012 / p. 324-335 : ill

### **Tool life in stainless steel AISI 304 : applicability of Colding's tool life equation for varying tool coatings**

Johansson, Daniel; Leemet, Tõnu; Allas, Jaanus; Madissoo, Marten; **Adoberg, Eron;** Schultheiss, Fredrik Proceedings of the Estonian Academy of Sciences 2016 / p. 172-176 : ill [https://artiklid.elnet.ee/record=b2768232\\*est](https://artiklid.elnet.ee/record=b2768232*est) <https://doi.org/10.3176/proc.2016.2.13> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Tool wear investigations by direct and indirect methods in end milling**

Leemet, Tõnu; **Allas, Jaanus; Adoberg, Eron** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 133-138 : ill

### **Tribological and structural aspects of tribo-design of abrasive wear resistant coatings**

**Kulu, Priit** Tribology of surface layers and coatings : proceedings of the 4th International Tribology Conference, PRAGOTRIB 2004 : Prague, Czech Republic, 17 and 18 June 2004 2004

### **Tribological behavior at dry sliding by electric current of Cu-Cr-S alloy after equal channel angular pressing**

**Kommel, Lembit** Engineering materials and tribology XXV 2017 / p. 430-435 <https://doi.org/10.4028/www.scientific.net/KEM.721.430> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Tribological behavior of 316L stainless steel manufactured by selective laser melting**

Al Noaimy, Omar; AlMangour, Bandar; Abdulsalam, Ezzet H.; Eckert, J.; **Prashanth, Konda Gokuldoss;** Chaubey, A. K.; Scudino, S.; Alzuhaireh, Sabih Hashim 4th international conference on architectural & civil engineering sciences 2023 / p. 142-146 <https://doi.org/10.24086/ICACE2022/paper.889>

### **Tribological characteristics of micro- and nano-composites Cu-Al<sub>2</sub>O<sub>3</sub> at room and elevated temperatures**

**Hvizdoš, Pavol;** Besterce, Michal; **Kulu, Priit** High temperature materials and processes 2011 / p. 573-577

### **Tribological parameters of copper-alumina composite**

Hvizdoš, Pavol; **Kulu, Priit;** Besterce, Michal Engineering materials and tribology 2013 / p. 191-196 [https://www.researchgate.net/publication/271863555\\_Tribological\\_Parameters\\_of\\_Copper-Alumina\\_Composite](https://www.researchgate.net/publication/271863555_Tribological_Parameters_of_Copper-Alumina_Composite)

### **Tribological properties of nanocrystalline diamond coating at high temperature sliding conduction [Online resource]**

**Yashin, Maxim; Baroninš, Janis;** Menezes, Pradeep; **Viljus, Mart; Raadik, Taavi; Bogatov, Andrei; Antonov, Maksim; Podgurski, Vitali** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p. : ill <http://fntdk.ut.ee/teesid-2018/>

### **Tribology of alumina materials for the circular economy of manufacturing textile industries**

**Hussain, Abrar; Podgurski, Vitali; Goljandin, Dmitri; Antonov, Maksim; Viljus, Mart** Proceedings of the Estonian Academy of Sciences 2021 / lk. 215-220 : ill <https://doi.org/10.3176/proc.2021.3.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Tribology of fine-grained cermets**

**Letunovitš, Sergei** 2003 [https://www.ester.ee/record=b1782627\\*est](https://www.ester.ee/record=b1782627*est)

### **Triboloogia lühikursus**

**Kleis, Ilmar** 1996 [https://www.ester.ee/record=b1071102\\*est](https://www.ester.ee/record=b1071102*est)

### **Two body dry abrasive wear of TiC-NiMo cermets**

**Pirso, Jüri; Viljus, Mart; Juhani, Kristjan** Tribology - materials, surfaces & interfaces 2007 / 2, p. 68-72

### **Two-body abrasive wear of WC-Co hardmetals in wet and dry environments**

**Pirso, Jüri; Juhani, Kristjan; Viljus, Mart; Letunovitš, Sergei** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 711-716 : ill

### **Two-body dry abrasive wear of cermets**

**Pirso, Jüri; Viljus, Mart; Juhani, Kristjan; Letunovitš, Sergei** Wear 2009 / 1/2, p. 21-29 : ill

### **Two-body dry abrasive wear of Cr<sub>3</sub>C<sub>2</sub>-Ni cermets**

**Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei** Proceedings of the Estonian Academy of Sciences. Engineering

**Two-body dry abrasive wear of Cr<sub>3</sub>C<sub>2</sub>-Ni cermets**

**Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunoviš, Sergei** 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 58-59 : ill

**Täitematerjalide mehaaniliste ja füüsikaliste omaduste katsetamine**

**Mõisnik, Kuulo** 2001 [https://www.ester.ee/record=b1601520\\*est](https://www.ester.ee/record=b1601520*est)

**Wear and friction in boron carbide cermet-steel sliding system**

**Kommel, Lembit; Hussainova, Irina; Kimmari, Eduard** Abstracts of papers from 2nd World Tribology Congress 2001 / p. 93

**Wear and friction in boron carbide cermet-steel sliding system [Electronic resource]**

**Kommel, Lembit; Hussainova, Irina; Kimmari, Eduard** WTC 2001 : 2nd World Tribology Congress : Vienna, Austria, 03-07 September 2001 2001 / [4] p.: ill. [CD-ROM]

**Wear behavior of recycled hard particle reinforced NiCrBSi hardfacings deposited by plasma transferred arc (PTA) process**

**Zikin, Arkadi; Hussainova, Irina; Katsich, Christian; Kulu, Priit; Goljandin, Dmitri** Engineering materials and tribology 2013 / p. 179-184

[https://www.researchgate.net/publication/236332219\\_Wear\\_Behaviour\\_of\\_Recycled\\_Hard\\_Particle\\_Reinforced\\_NiCrBSi\\_Hardfacings\\_Deposited\\_by\\_Plasma\\_Transferred\\_Arc\\_PTA\\_Process](https://www.researchgate.net/publication/236332219_Wear_Behaviour_of_Recycled_Hard_Particle_Reinforced_NiCrBSi_Hardfacings_Deposited_by_Plasma_Transferred_Arc_PTA_Process)

**Wear behaviour and mechanical properties of sinterhipped hardmetals**

**Klaasen, Heinrich; Kübarsepp, Jakob** Powder metallurgy 2004 / 2, p. 161-167 : ill

**Wear behaviour and wear mechanisms of different hardmetal grades in comparison with polycrystalline diamond in a new impact-abrasion test**

**Konyashin, I.; Antonov, Maksim; Ries, B.** International journal of refractory metals and hard materials 2020 / art. 105286

<https://doi.org/10.1016/j.ijrmhm.2020.105286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wear behaviour of doped WC–Ni based hardmetals tested by four methods**

**Yung, Der-Liang; Antonov, Maksim; Veinthal, Renno; Hussainova, Irina** Wear 2016 / p. 171-179 : ill

<https://doi.org/10.1016/j.wear.2016.02.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wear behaviour, durability, and cyclic strength of TiC base cermets**

**Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina** Materials science and technology 2004 / August, 1006-1010 p. : ill

**Wear characteristics of TiC-base cermets**

**Kübarsepp, Jakob; Klaasen, Heinrich; Pirso, Jüri** Materials Engineering & Balttrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jūrmala, Latvia 2001 / p. 207-211 : ill

**Wear mechanisms of PM-HIP tool steels under low and high-stress abrasion : role of carbide type and content**

**Kumar, Rahul, 1993-; Antonov, Maksim; Berglund, Tomas; Pampori, Tabeen Halawat; Maurya, Himanshu Singh; Viljus, Mart** Journal of materials research and technology 2025 / p. 7016-7025 <https://doi.org/10.1016/j.jmrt.2025.04.317>

**Wear of advanced cemented carbides for metalforming tool materials**

**Klaasen, Heinrich; Kübarsepp, Jakob** Wear 2004 / p. 846-853 : ill <https://doi.org/10.1016/j.wear.2003.08.004>

**Wear of coatings and hard alloys for jig bushings**

**Kallas, Paul; Pirso, Jüri** Tallinna Tehnikaülikooli Toimetised 1994 / lk. 43-51: ill

**Wear of different PVD coatings at industrial fine-blanking field tests**

**Lind, Liina; Peetsalu, Priidu; Sergejev, Fjodor** Medžiagotyra = Materials science 2015 / p. 343-348 : ill

<https://doi.org/10.5755/j01.ms.21.3.7249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wear of hard coatings evaluated by means of kaloMax**

**Podgurski, Vitali; Gregor, Andre; Adoberg, Eron; Kulu, Priit** 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 64-65

**Wear of hard coatings, evaluated by means of kaloMax**

**Podgurski, Vitali; Gregor, Andre; Adoberg, Eron; Kulu, Priit** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 4, p. 419-426 : ill

**Wear of potential tool materials for aluminium alloys friction stir welding at weld temperatures**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt** Proceedings of the Estonian Academy of Sciences 2019 / p. 198–206 : ill <https://doi.org/10.3176/proc.2019.2.12> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_2/proc-2019-2-198-206.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-198-206.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wear of PVD coatings on fineblanking punches = PVD pinnete kulumine siselõikestantsi templitel**

**Lind, Liina** 2014 [https://www.ester.ee/record=b4422007\\*est](https://www.ester.ee/record=b4422007*est)

**Wear of PVD hard coatings in sliding contacts**

**Sivitski, Alina; Ajaots, Mairo; Põdra, Priit** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 549-554 : ill <http://innomet.ttu.ee/daaam08/online/Materials%20Engineering/Sivitski.pdf>

**Wear of the fuel supply system of CFB boilers**

**Suik, Heinrich; Pihu, Tõnu;** Molodtsov, Artjom Oil shale 2008 / 2, p. 209-216 : ill [https://artiklid.elnet.ee/record=b2384376\\*est](https://artiklid.elnet.ee/record=b2384376*est)

**Wear performance of hierarchically structured alumina reinforced by hybrid graphene encapsulated alumina nanofibers**

**Hussainova, Irina; Baroninš, Janis; Drozdova, Maria; Antonov, Maksim** Wear 2016 / p. 287-295 : ill <https://doi.org/10.1016/j.wear.2016.09.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wear performance of TiC-base cermets**

**Roosaar, Tõnu; Kübarsepp, Jakob; Klaasen, Heinrich; Viljus, Mart** Materials science 2008 / p. 238-241 : ill

**Wear performance of TiC-base cermets**

**Roosaar, Tõnu; Kübarsepp, Jakob; Klaasen, Heinrich; Viljus, Mart** 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers 2008 / p. 32

**Wear properties of duplex treated surfaces**

**Kulu, Priit; Surženkov, Andrei; Saarna, Mart** 1st Mediterranean Conference on Heat Treatment and Surface Engineering : Heat Treatment and Surface Engineering in the Manufacturing of Metallic Engineering Components : December 1-3, 2009, Sharm El-Sheikh, Egypt 2009 / p. 56

**Wear protection of highly loaded components: advantages of plasma transferred arc welding as hardfacing technology**

**Katsich, Christian; Zikin, Arkadi;** Badisch, Ewald Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 639-644 : ill

**Wear rate of nanocrystalline diamond coating under high temperature sliding conditions**

**Yashin, Maxim; Baroninš, Janis;** Menezes, Pradeep; **Viljus, Mart; Raadik, Taavi; Bogatov, Andrei; Antonov, Maksim; Podgurski, Vitali** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 219-223 : ill <https://doi.org/10.4028/www.scientific.net/SSP.267.219> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Wear reduction in bearings by rational choice of geometry**

**Ajaots, Mairo; Tamre, Mart** Problemy Eksploatacij : proceedings of the 4th International Symposium INSYCONT'94-SLOVIANTRIB, Sept. 14-16, 1994, Cracow, Poland 1994 / p. 125-132

**Wear resistance and selection of steels, hardmetals and hardfacings for abrasive wear conditions**

**Kulu, Priit; Tarbe, Riho; Saarna, Mart; Surženkov, Andrei; Peetsalu, Priidu; Talviste, Kristofer** International journal of microstructure and materials properties 2015 / p. 101-113 <https://doi.org/10.1504/IJMMMP.2015.068718> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Wear resistance and toughness of hardmetals**

**Reshetnjak, Heinrich; Kübarsepp, Jakob** Medžiagotyra = Materials science 1999 / 2, p. 69-71: ill

**Wear resistance and toughness of hardmetals**

**Reshetnjak, Heinrich; Kübarsepp, Jakob** Proceedings of the 8th International Baltic Conference : Materials Engineering-99 : September 23-24, Kaunas, Lithuania 1999 / p. 152

**Wear resistance assessment of cermets and hardmetals**

**Kübarsepp, Jakob;** Reshetnjak, Heinrich; **Annuka, Harri** International Conference Balttrib'99 : 21-22 September 1999, Kaunas, Lithuania : proceedings 1999 / p. 76-84: ill

**Wear resistance assessment of steel-bonded hard metals**

**Kübarsepp, Jakob;** Reshetnjak, Heinrich; **Annuka, Harri** Materials Engineering - 96 : materials of VI-th International Baltic Conference 1996 / p. 51-57: ill

**Wear resistance behavior of light-weight composites**

**Kommel, Lembit; Kimmari, Eduard** Abstracts of the XVI-th International Baltic Conference "Engineering Materials & Baltmattrib" : 2007, October 25-26, Riga, Latvia 2007 / p. 22

**Wear resistance of hardmetals and cermets in conditions with prevailation of adhesion**

**Kübarsepp, Jakob;** Reshetnjak, Heinrich Proceedings of the International Conference on Powder Metallurgy & Particulate Materials PM2TEC'99 : June 20-24, 1999, Vancouver, Canada 1999 / [10] p

**Wear resistance of sintered composite hardfacings under different abrasive wear conditions**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Goljandin, Dmitri; Tarraste, Marek; Viljus, Mart; Traksmaa, Rainer** Medžiagotyra = Materials science 2017 / p. 249-253 : ill <https://doi.org/10.5755/j01.ms.23.3.17640> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wear resistance of thermal sprayed coatings**

**Kulu, Priit; Pihl, Toomas; Zimakov, Sergei** Abstracts of papers of International Conference Balttrib'99 1999 / p. 23

**Wear resistance of thermal sprayed coatings**

**Kulu, Priit; Pihl, Toomas; Zimakov, Sergei** International Conference Balttrib'99 : 21-22 September 1999, Kaunas, Lithuania : proceedings 1999 / p. 311-318: ill

**Wear resistance of thermal sprayed coatings on the base of recycled hardmetal**

**Kulu, Priit; Zimakov, Sergei** Surface and coatings technology 2000 / p. 46-51 : ill

**Wear resistant powder coatings on the base of recycled hardmetal**

**Tarbe, Riho; Zimakov, Sergei; Mikli, Valdek; Kulu, Priit; Veinthal, Renno** Powder metallurgy progress 2005 / p. 148-157 : ill

**Wear resistant recycled hardmetal based hardfacings [Online resource]**

**Simson, Taavi** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

**Wear resistant self-fluxing alloy based TiC-NiMo and Cr2C3-Ni hardmetal particles reinforced composite coatings**

**Surženkov, Andrei; Vallikivi, Ahto; Mikli, Valdek; Viljus, Mart; Vilgo, Timo; Kulu, Priit** Proceedings of the 2nd International Scientific Conference Manufacturing Engineering & Management 2012 : ICMEM 2012 2012 / p. 33-36 : ill [https://www.researchgate.net/publication/262731588\\_WEAR\\_RESISTANT\\_SELF-FLUXING\\_ALLOY\\_BASED\\_TIC-NIMO\\_AND\\_CR2C3-NI\\_HARDMETAL\\_PARTICLES\\_REINFORCED\\_COMPOSITE\\_COATINGS](https://www.researchgate.net/publication/262731588_WEAR_RESISTANT_SELF-FLUXING_ALLOY_BASED_TIC-NIMO_AND_CR2C3-NI_HARDMETAL_PARTICLES_REINFORCED_COMPOSITE_COATINGS)

**Wear simulation with the Winkler surface model**

**Pödra, Priit;** Andersson, Sören Wear 1997 / p. 79-85 : ill

**Wearing model of cemented carbide composites**

**Valdma, Leo; Kübarsepp, Jakob; Kallas, Paul; Annuka, Harri** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 99-105: ill

**Wear-out failure analysis of an impedance-source PV microinverter based on system-level electrothermal modeling**

Shen, Yanfeng; **Chub, Andrii;** Wang, Huai; **Vinnikov, Dmitri; Liivik, Elizaveta;** Blaabjerg, Frede IEEE transactions on industrial electronics 2019 / p. 3914-3927 <https://doi.org/10.1109/TIE.2018.2831643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Wear-out failure analysis of solar optiverter operating with 60- and 72-cell Si crystalline PV modules**

**Liivik, Liisa; Chub, Andrii;** Sangwongwanich, Ariya; Shen, Yanfeng; **Vinnikov, Dmitri;** Blaabjerg, Frede IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 6134-6140 : ill <https://doi.org/10.1109/IECON.2018.8592925>

**Wear-resistant detonation sprayed WC-Co coatings**

**Kulu, Priit; Zimakov, Sergei** Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 94-96: ill

**Wear-resistant WC-Co-NiCrSiB composite coatings**

**Kulu, Priit; Pihl, Toomas; Halling, Jaanus** NORDTRIB '98 : proceedings of the 8th International Conference on Tribology, Ebeltoft, Denmark, 7-10 June 1998. Vol. 2 1998 / p. 809-818

**Verification of new 1000 [degree] C tester designed for investigation of wear-corrosion properties of advanced materials for high temperature applications**

**Antonov, Maksim; Hussainova, Irina; Kimmari, Eduard; Juhani, Kristjan** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 395-399 : ill <http://innomet.ttu.ee/daaam08/online/Materials%20Engineering/Antonov.pdf>

**Wheel-rail wear simulation**

**Telliskivi, Tanel;** Olofsson, Ulf Wear 2004 / 11, p. 1145-1153 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0043164804001577>

**Viis aastakümnet erosioonikulumise uuringuid tehnikaülikoolis : sõnavõtt Ilmar Kleisi ja Priit Kulu monograafia "Solid particle erosion" esitlusel ja emeriitprofessor Ilmar Kleisi 75. sünnipäeva tähistamisel 15. septembril 2005**  
**mehaanikateaduskonnas**

**Kulu, Priit** Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 396-399

**Анализ влияния способов очистки на износ металла труд паропереревателя**

**Ots, Arvo; Suurkuusk, Tõnu; Tallermo, Harri** Жаростойкость котельных сталей : [Сборник статей] 1977 / с. 80-86

**Анализ схем установок для испытания материалов на ударный износ**

**Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 1 1965 / с. 17-26 : илл

[https://www.ester.ee/record=b2181989\\*est](https://www.ester.ee/record=b2181989*est) <https://digikogu.taltech.ee/et/Item/c8c0d777-7bb9-4cb8-9189-55809fb62535>

**Анализ теорий газоабразивного изнашивания металлов**

**Ellermaa, Riho-Rene** Трение и износ в машинах. 15 1989 / с. 9-20

**Влияние внешнесиловых факторов на гидроабразивный износ порошковых твердых сплавов**

**Valdma, Leo** Свойства и технология изготовления износостойких материалов 1984 / с. 41-46 : ил

[https://www.ester.ee/record=b1356624\\*est](https://www.ester.ee/record=b1356624*est) <https://digikogu.taltech.ee/et/Item/ea022321-1583-4ebc-b2cc-3fb5baef87a9>

**Влияние геометрии абразивного зерна на интенсивность изнашивания металлов в потоке абразивных частиц**

**Tadolder, Jüri** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 15-22 : илл

[https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est) <https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**Влияние механических свойств на гидроабразивный износ спеченных сплавов TiC-Ni-Co-Cr**

**Kallas, Paul; Valdma, Leo** Порошковая металлургия. 1 1976 / с. 17-23 : илл [https://www.ester.ee/record=b2111354\\*est](https://www.ester.ee/record=b2111354*est)

<https://digikogu.taltech.ee/et/Item/c96ed6d3-4203-45dd-8179-87f8028f1fba>

**Влияние направления движения ролико-втулочной цепи с изогнутыми пластинами на износ в абразивной среде**

**Valdmaa, Lembit; Riives, Erich** Сборник статей по машиностроению. 3 1966 / с. 55-59 : илл

[https://www.ester.ee/record=b2182127\\*est](https://www.ester.ee/record=b2182127*est) <https://digikogu.taltech.ee/et/Item/c2de9b3a-cc2e-4883-82d1-7e8605d39dce>

**Влияние некоторых факторов на износ в моделированном процессе (металл - абразивная прослойка - металл)**

**Valdma, Leo** Износ, усталость и коррозия металлов : сборник статей. 4 1970 / с. 51-62 : илл

[https://www.ester.ee/record=b2189975\\*est](https://www.ester.ee/record=b2189975*est) <https://digikogu.taltech.ee/et/Item/08de6dd6-c065-4fa4-8684-9b41e91f1bd2/>

**Влияние очистки поверхностей нагрева паровых котлов на износ металла**

**Ots, Arvo; Suurkuusk, Tõnu; Tallermo, Harri** Теплоэнергетика 1980 / с. 37-41 : илл [https://www.ester.ee/record=b1443335\\*est](https://www.ester.ee/record=b1443335*est)

**Влияние пористости на абразивную эрозию спеченной стали**

**Kallas, Paul; Kulu, Priit** Трение и износ в машинах 1983 / с. 81-87 : ил [https://www.ester.ee/record=b2191148\\*est](https://www.ester.ee/record=b2191148*est)

<https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

**Влияние скорости абразивных частиц на механизм изнашивания карбидохромовых спеченных сплавов**

**Pirso, Jüri; Kallas, Paul** Свойства и технология изготовления износостойких материалов 1980 / с. 25-32 : илл

[https://www.ester.ee/record=b1276393\\*est](https://www.ester.ee/record=b1276393*est) <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

**Влияние скорости соударения на процессы изнашивания и измельчения**

**Kotkas, Jüri** Трение и износ в машинах. 13 1985 / с. 55-60 : ил [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est)

<https://www.etera.ee/zoom/121375/view?>

**Влияние температуры охлаждающей воды на износ цилиндров дизеля 2ч 8,5/II**

**Juga, E.; Soskind, Gennadi** Сборник научных трудов студентов. 4 1965 / с. 97-101 : илл [https://www.ester.ee/record=b2181987\\*est](https://www.ester.ee/record=b2181987*est)

<https://digikogu.taltech.ee/et/Item/15040af2-b264-4339-b7b1-c0140de7d1c1>

**Влияние температуры стенки экранных труб на интенсивность загрязнения в топках, сжигающих сланцевую пыль**

**Selg, Vello** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с.

133 [https://www.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

**Влияние циклического охлаждения металла на интенсивность износа труб пароперегревателей**

**Tallermo, Harri; Ots, Arvo** Теплоэнергетика : сборник статей. 12 1971 / с. 21-32 : илл [https://www.ester.ee/record=b2190313\\*est](https://www.ester.ee/record=b2190313*est)

<https://digikogu.taltech.ee/et/Item/b5d52827-852f-4b06-9011-e964baabd316/>

**Возможности методов порошковой металлургии для восстановления изношенной оснастки**

**Arensburger, Daniil** Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских

**Выбор сплава для кондукторных втулок**

**Pirso, Jüri; Kallas, Paul; Klauts, D.N.; Kuštševa, M.N.** Трение и износ в машинах. 15 1989 / с. 53-62

**Высокотемпературная коррозия и износ поверхностей нагрева парогенераторов электростанций в условиях сжигания леппицского бурого угля : автореферат ... кандидата технических наук (05.14.04)**

**Herter, Rupert** 1980 [http://www.ester.ee/record=b1325237\\*est](http://www.ester.ee/record=b1325237*est)

**Высокотемпературная коррозия и износ поверхностей нагрева парогенераторов электростанций в условиях сжигания леппицского бурого угля : диссертация ... кандидата технических наук : 05.14.04 - промышленная теплоэнергетика**

**Herter, Rupert** 1979 [http://www.ester.ee/record=b2398499\\*est](http://www.ester.ee/record=b2398499*est)

**Газоабразивное изнашивание порошковых легированных карбидтитановых сплавов**

**Kudrjavitsev, Vladimir; Kallas, Paul** Свойства и технология изготовления износостойких материалов 1984 / с. 19-25 : ил [https://www.ester.ee/record=b1356624\\*est](https://www.ester.ee/record=b1356624*est) <https://digikogu.taltech.ee/et/Item/ea022321-1583-4ebc-b2cc-3fb5baef87a9>

**Газоабразивный износ газотермических порошковых покрытий**

**Kulu, Priit; Kallas, Paul; Halling, Jaanus** Свойства и технология изготовления износостойких материалов 1984 / с. 47-52 : ил [https://www.ester.ee/record=b1356624\\*est](https://www.ester.ee/record=b1356624*est) <https://digikogu.taltech.ee/et/Item/ea022321-1583-4ebc-b2cc-3fb5baef87a9>

**Гидроабразивная износостойкость безвольфрамовых порошковых твердых сплавов : автореферат ... доктора технических наук (05.02.04)**

**Valdma, Leo** 1985 [http://www.ester.ee/record=b1520408\\*est](http://www.ester.ee/record=b1520408*est)

**Гидроабразивная износостойкость спеченных термообработываемых твердых сплавов**

**Valdma, Leo; Kübarsepp, Jakob** Трение и износ = Friction and Wear : международный научный журнал 1983 / с. 1046-1050 [https://www.ester.ee/record=b1312784\\*est](https://www.ester.ee/record=b1312784*est)

**Гидроабразивная износостойкость твердых сплавов**

**Valdma, Leo; Kallas, Juha; Pirso, Jüri; Kübarsepp, Jakob** Трение, износ и смазочные материалы. Т. 2, Смазочное действие и смазочные материалы. Триботехническое материаловедение. Самоорганизующиеся процессы фрикционного контакта : труды международной научной конференции (Ташкент, 22-26 мая 1985 г.) : тезисы секционных докладов 1985 / с. 249-253 [https://www.ester.ee/record=b2770097\\*est](https://www.ester.ee/record=b2770097*est)

**Гидроабразивное изнашивание спеченных железохромистых сплавов**

**Andruševič, A.A.; Kallas, Paul; Fraiman, L.I.** Свойства и технология изготовления износостойких материалов 1980 / с. 11-18 : илл [https://www.ester.ee/record=b1276393\\*est](https://www.ester.ee/record=b1276393*est) <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

**Гидроабразивное изнашивание спеченных твердых сплавов на основе карбидов титана и хрома : автореферат ... кандидата технических наук (05.02.04)**

**Kallas, Paul** 1978 [http://www.ester.ee/record=b1315626\\*est](http://www.ester.ee/record=b1315626*est)

**Гидроабразивный износ порошковых твердых сплавов**

**Valdma, Leo** Трение и износ = Friction and Wear : международный научный журнал 1984 / с. 859-864 : илл [https://www.ester.ee/record=b1312784\\*est](https://www.ester.ee/record=b1312784*est)

**Гидроабразивный износ спеченных карбидохромовых сплавов**

**Kallas, Paul; Pirso, Jüri; Valdma, Leo** Трение и износ = Friction and Wear : международный научный журнал 1980 / с. 858-863 : ил., табл [https://www.ester.ee/record=b1312784\\*est](https://www.ester.ee/record=b1312784*est)

**Дезинтеграторная установка для исследования процесса износа и измельчения**

**Vainu, J.** Трение и износ в машинах. 14 1987 / с. 19-24

**Динамическое проникание жесткой сферы в металлические преграды : автореферат ... кандидата физико-математических наук (01.02.04)**

**Kangur, Hillar** 1987 [http://www.ester.ee/record=b1241053\\*est](http://www.ester.ee/record=b1241053*est)

**Динамическое проникание жесткой сферы в металлические преграды : диссертация ... кандидата физико-математических наук : 01.02.04- механика деформируемого твердого тела**

**Kangur, Hillar** 1987 [http://www.ester.ee/record=b2247677\\*est](http://www.ester.ee/record=b2247677*est)

**Зависимости изнашивания металлополимерных материалов от нагрузки и параметров вибраций в паре трения**

**Velling, Ants; Nanits, Mats-Maidu** Всесоюзная научно-техническая конференция "Повышение ресурса узлов трения, работающих в экстремальных условиях" (г. Пермь, 28-30 мая 1986 г.) : Тезисы докладов 1986 / с. [?]

### **Закономерности абразивного износа некоторых материалов мазутных форсунок**

**Valdma, Leo; Pirs, Jüri** Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 31-43 : илл

[https://www.ester.ee/record=b2190525\\*est](https://www.ester.ee/record=b2190525*est) <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

### **Золовой износ труб водяного экономайзера котла БКЗ-75-39Фсл с вихревым топочным устройством**

**Prikk, Arvi; Šutškin, I.A.** Проблемы работы котельных установок тепловых электростанций 1981 / с. 19-28 : илл

[https://www.ester.ee/record=b1326766\\*est](https://www.ester.ee/record=b1326766*est) <https://digikogu.taltech.ee/et/Item/4b9fff4d-99cf-4008-8b3d-cfb02089f7f4>

### **Измерение линейного износа миниатюрных образцов**

**Laaneots, Rein** Трение и износ в машинах 1983 / с. 59-68 : ил [https://www.ester.ee/record=b2191148\\*est](https://www.ester.ee/record=b2191148*est)

<https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

### **Измерение толщины и формы масляных капель при испытании миниатюрных пар трения**

**Kortel, Virve; Laaneots, Rein; Lepre, M.** Трение и износ в машинах 1983 / с. 69-73 : ил [https://www.ester.ee/record=b2191148\\*est](https://www.ester.ee/record=b2191148*est)

<https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

### **Изнашивание материалов с гетерогенной структурой в струе абразивных частиц**

**Pirs, Jüri; Rõuk, Marina; Kallas, Paul** Трение и износ в машинах. 15 1989 / с. 63-70

### **Изнашивание металлофторопластовой ленты в парах трения с возвратно-поступательным движением**

**Nanits, Mats-Maidu; Velling, Ants** Трение и износ в машинах. 13 1985 / с. 47-53 : ил [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est)

<https://www.etera.ee/zoom/121375/view?>

### **Изнашивание твердого сплава в матрицах вырубного штампа**

**Pirs, Jüri; Vitsut, E.; Kallas, Paul; Tomingas, H.** Электротехническая промышленность. Технология электротехнического производства : реферативный научно-технический сборник 1984 / с. 9-10

### **Изнашивание шарниров транспортных цепей = The bushes wear of conveyor chains**

**Penkov, Igor; Pappel, Toivo** Machines, technologies, materials : [virtual journal] 2010 / 8/9, p. 37-39 : ill

### **Износ головки резца для горных машин**

**Valdma, Leo; Kallas, Paul** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 92-98: ill

### **Износ и энергорасход при одно- и многократном ударном измельчении**

**Pill, M.; Uuemõis, Haljand; Kleis, Ilmar** Производство и применение силикатных бетонов 1976 / с. 142-149 : илл

[https://www.ester.ee/record=b1351084\\*est](https://www.ester.ee/record=b1351084*est)

### **Износ металлов при низких температурах в абразивной струе**

**Siimpoe, Rein; Lepikson, Heino** X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 39-40 [https://www.ester.ee/record=b1749611\\*est](https://www.ester.ee/record=b1749611*est)

<http://www.digar.ee/id/nlib-digar:376945>

### **Износ поверхностей нагрева парогенераторов при сжигании березовского угля**

**Ots, Arvo; Paist, Aadu; Touart, Raivo** Влияние минеральной части энергетических топлив на условия работы

парогенераторов : тезисы докладов III Всесоюзной конференции. Секция 2, Высокотемпературная коррозия и износ труб

поверхностей нагрева 1980 / с. 83-88 : илл [https://www.ester.ee/record=b1267027\\*est](https://www.ester.ee/record=b1267027*est)

### **Износ порошковых материалов для кондукторных втулок**

**Kallas, Paul; Pirs, Jüri** Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции

Балтийских республик 1991 / с. 22

### **Износ порошковых токоподводящих мундштуков автоматической сварки под флюсом**

**Letunovič, Sergei; Arensbürger, Daniil; Pirs, Jüri** Трение и износ в машинах. 14 1987 / с. 41-47

### **Износ твердосплавных кондукторных втулок**

**Pirs, Jüri; Kallas, Paul; Klautš, D.N.; Kuštševa, M.N.** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 3-11

### **Износ топочных ширм в низкотемпературной вихревой топке при водяной очистке**

**Prikk, Arvi; Ingermann, Karl; Touart, Raivo; Rundögin, J.A.** Исследование работы парогенераторов электростанций 1980 / с.

99-107 : илл [https://www.ester.ee/record=b1267046\\*est](https://www.ester.ee/record=b1267046*est) <https://digikogu.taltech.ee/et/Item/7b38f6f0-c33e-409c-9c20-df3fb2b99715>

### **Износ труб радиационного пароперегревателя пылесланцевого парогенератора при водяной очистке**

**Ots, Arvo; Touart, Raivo** Проблемы работы котельных установок тепловых электростанций 1981 / с. 3-8 : илл

[https://www.ester.ee/record=b1326766\\*est](https://www.ester.ee/record=b1326766*est) <https://digikogu.taltech.ee/et/Item/4b9fff4d-99cf-4008-8b3d-cfb02089f7f4>

**Износ труб ширмовых пароперегревателей котла в условиях водяной очистки при сжигании назаровского угля**  
Ots, Arvo; Tallermo, Harri; Mäeküla, Oskar; Randmann, Rein; Touart, Raivo; Siirde, Andres; Schnaider, V.; Stoljarevski, V. Теплоэнергетика 1984 / с. 34-37 : ил [https://www.ester.ee/record=b1443335\\*est](https://www.ester.ee/record=b1443335*est)

**Износ экранных труб котла с.к.д. при водяной очистке топки**  
Ots, Arvo; Tallermo, Harri; Mäeküla, Oskar; Randmann, Rein; Tomann, Elvi; Schnaider, V. K.; Stoljarevski, V. Теплоэнергетика 1980 / с. 48-51 : ил [https://www.ester.ee/record=b1443335\\*est](https://www.ester.ee/record=b1443335*est)

**Износостойкие порошковые твердосплавные покрытия**  
Halling, Jaanus; Kulu, Priit; Kallas, Paul Свойства и технология изготовления композиционных материалов 1986 / с. 45-51

**Износостойкость детонационных покрытий на спеченных сталях**  
Kulu, Priit; Kallas, Paul Трение и износ в машинах 1983 / с. 89-94 : ил [https://www.ester.ee/record=b2191148\\*est](https://www.ester.ee/record=b2191148*est)  
<https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

**Износостойкость карбидохромовых спеченных сплавов в абразивной струе**  
Valdma, Leo; Pirso, Jüri Тезисы докладов всесоюзной научной конференции "Технология, свойства и применение износостойких спеченных материалов", 26-28 ноября 1974 г. 1974 / с. 12-13

**Износостойкость порошковых материалов и покрытий**  
Kulu, Priit 1988 [https://www.ester.ee/record=b1245560\\*est](https://www.ester.ee/record=b1245560*est)

**Износостойкость порошковых покрытий в условиях коррозионно-абразивного изнашивания**  
Kulu, Priit; Rõuk, Arno; Rõuk, Marina Износостойкие спеченные материалы и покрытия 1988 / с. 56-61

**Износостойкость элементов измельчителей ударного действия**  
Kleis, Ilmar; Uuemõis, Haljand 1986 [https://www.ester.ee/record=b1524566\\*est](https://www.ester.ee/record=b1524566*est)

**Испытание спеченных материалов на гидроабразивное изнашивание**  
Valdma, Leo; Kallas, Paul Тезисы докладов I республиканской конференции по порошковой металлургии : эрозионностойкие спеченные материалы и их применение 1975 / с.27-28 [https://www.ester.ee/record=b1314322\\*est](https://www.ester.ee/record=b1314322*est)

**Исследование взаимосвязи гидроабразивного износа и коррозионной стойкости композиционных материалов на основе карбида бора**  
Маринич М.А.; Кузенкова М.А.; Бевза Ю.В.; Беловол В.С. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 9-10

**Исследование влияния водяной очистки топки на условия работы металла экранных труб паровых котлов : автореферат ... кандидата технических наук (05.04.01)**  
Touart, Raivo 1982 [http://www.ester.ee/record=b1289173\\*est](http://www.ester.ee/record=b1289173*est)

**Исследование влияния водяной очистки топки на условия работы металла экранных труб паровых котлов : диссертация ... кандидата технических наук : 05.04.01 - парогенераторостроение, гидротурбостроение и парогазотурбостроение**  
Touart, Raivo 1982 [http://www.ester.ee/record=b2411126\\*est](http://www.ester.ee/record=b2411126*est)

**Исследование влияния присутствия жидкой среды на эрозионное изнашивание металлов в потоке абразива : автореферат ... кандидата технических наук (05.02.04)**  
Üksti, Lembit 1983 [https://www.ester.ee/record=b1270616\\*est](https://www.ester.ee/record=b1270616*est)

**Исследование влияния режима нагружения на интенсивность эрозионного изнашивания эластомеров**  
Pallase, Ado Трение и износ в машинах. 15 1989 / с. 21-34

**Исследование влияния температуры резания на характер износа и статистическое описание процесса обработки резцами с укороченной задней поверхностью**  
Mesila, Rein; Küttner, Rein Тезисы докладов на секции обработки материалов концентрированными потоками энергии Научного Совета по проблеме "Новые процессы получения и обработки материалов" АН СССР : Конференция "Теплофизика технологических процессов", Тольятти, сентябрь 1972. Теплофизика резания 1972 / с. 33-35

**Исследование возможностей повышения эрозионной стойкости направленных покрытий**  
Kulu, Priit; Halling, Jaanus; Pärnapuu, Arnold; Pihl, Toomas Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с. 53-54 [https://www.ester.ee/record=b1256812\\*est](https://www.ester.ee/record=b1256812*est)

**Исследование газоабразивного изнашивания на модели центробежной компрессорной машины**  
Kreevs, V.; Tadolder, M.; Tadolder, Jüri; Mägi, Rein XXX студенческая научно-техническая конференция вузов

Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 81 [https://www.ester.ee/record=b1305565\\*est](https://www.ester.ee/record=b1305565*est)

**Исследование гидроабразивного износа центробежных форсунок**

**Valdma, Leo; Mosberg, Rudolf; Pirso, Jüri** Республиканская научная конференция : абразивная эрозия : тезисы докладов 1970 / с. 11-12 [https://www.ester.ee/record=b1372146\\*est](https://www.ester.ee/record=b1372146*est)

**Исследование единичных следов удара и продукта износа при абразивной эрозии**

**Uuemõis, Haljand; Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 4 1970 / с. 35-49 : илл [https://www.ester.ee/record=b2189975\\*est](https://www.ester.ee/record=b2189975*est) <https://digikogu.taltech.ee/et/Item/08de6dd6-c065-4fa4-8684-9b41e91f1bd2/>

**Исследование загрязнения и износа поверхностей нагрева паровых котлов при сжигании березовского угля : автореферат ... кандидата технических наук (05.14.04)**

**Paist, Aadu** 1981 [http://www.ester.ee/record=b1322700\\*est](http://www.ester.ee/record=b1322700*est)

**Исследование загрязнения и износа поверхностей нагрева паровых котлов при сжигании березовского угля : диссертация ... кандидата технических наук : 05.14.04 - промышленная теплоэнергетика**

**Paist, Aadu** 1981 [http://www.ester.ee/record=b2398507\\*est](http://www.ester.ee/record=b2398507*est)

**Исследование изнашивания в массе уплотненного абразива**

**Saar, Bernhard; Lepikson, Heino** Износ, усталость и коррозия металлов : сборник статей. 1 1965 / с. 27-41 : илл [https://www.ester.ee/record=b2181989\\*est](https://www.ester.ee/record=b2181989*est) <https://digikogu.taltech.ee/et/Item/c8c0d777-7bb9-4cb8-9189-55809fb62535>

**Исследование изнашивания наклепанных технически чистых металлов в струе абразива**

**Tadolder, Jüri** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 23-33 : илл [https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est) <https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**Исследование изнашивания нержавеющей стали на центробежном трибометре**

**Kallasvee, Andres; Saar, Bernhard** Трение и износ в машинах. 14 1987 / с. 64-68

**Исследование изнашивания пластмасс в струе абразива**

**Arumäe, Heino** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 89-102 : илл [https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est) <https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**Исследование изнашивания центробежных мазутных форсунок : автореферат ... кандидата технических наук (05.02.04)**

**Nanits, Mats-Maidu** 1977 [http://www.ester.ee/record=b1318182\\*est](http://www.ester.ee/record=b1318182*est)

**Исследование изнашивания центробежных мазутных форсунок : диссертация ... кандидата технических наук : 05.02.04 - трение и износ в машинах**

**Nanits, Mats-Maidu** 1977 [http://www.ester.ee/record=b2332170\\*est](http://www.ester.ee/record=b2332170*est)

**Исследование изнашивания циклонов и газоходов котлов ТП-17**

**Kleis, Ilmar; Lepikson, Heino; Tadolder, Jüri** Известия высших учебных заведений. Энергетика : ежемесячный научно-технический журнал 1969 / с. 55-60 [https://www.ester.ee/record=b2715666\\*est](https://www.ester.ee/record=b2715666*est)

**Исследование изнашивания циклонов и газоходов котлов ТП-17 : (сообщение)**

**Lepikson, Heino; Kleis, Ilmar; Tadolder, Jüri** Республиканская научная конференция : абразивная эрозия : тезисы докладов 1970 / с. 6-7 [https://www.ester.ee/record=b1372146\\*est](https://www.ester.ee/record=b1372146*est)

**Исследование износа пробивных игл**

**Mägi, A.** Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 75-84 : илл [https://www.ester.ee/record=b2190621\\*est](https://www.ester.ee/record=b2190621*est) <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

**Исследование износостойкости материалов в условиях эрозии скользящей струей абразива : автореферат ... кандидата технических наук (05.02.04)**

**Stupnitski, Anatoli** 1977 [http://www.ester.ee/record=b1563942\\*est](http://www.ester.ee/record=b1563942*est)

**Исследование износостойкости подшипниковых материалов на четырехшариковых трибометрах**

**Ajaots, Mado; Lepre, M.** Тезисы докладов XXXI студенческой научно-технической конференции 1980 / с. 85-86 [https://www.ester.ee/record=b1319482\\*est](https://www.ester.ee/record=b1319482*est)

**Исследование износостойкости твердых сплавов на основе TiC-C в условиях эрозионного изнашивания**

**Bujanovski, I.; Lindo, G.; Tšistjakova, V.; Agošašvili, B.; Pirso, Jüri; Kallas, Paul** Износ в машинах и методы защиты от него : тезисы докладов Всесоюзной научной конференции, посвященной 1000-летию г. Брянска (Брянск, 1985 г.) 1985 / с. 180

## **Исследование износостойкости цепи рабочего органа экскаватора скребского типа ЭТЦ-161**

**Valdma, Leo** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 118 [https://www.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

## **Исследование материалов на коррозионно-эрозионный износ в условиях работы турбоизмельчителей**

**Kleis, Ilmar; Sokolov, A.F.; Kuzjukov, A.N.** Трение и износ в машинах 1978 / с. 33-41 : илл [https://www.ester.ee/record=b2190999\\*est](https://www.ester.ee/record=b2190999*est)  
<https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0.0.1964.3047>

## **Исследование некоторых закономерностей абразивной эрозии : автореферат ... кандидата технических наук (162)**

**Uuemõis, Haljand** 1968 [https://www.ester.ee/record=b1564193\\*est](https://www.ester.ee/record=b1564193*est)

## **Исследование некоторых закономерностей изнашивания и измельчения в ударных измельчителях : автореферат ... кандидата технических наук (05.02.04)**

**Piel, Maret** 1979 [http://www.ester.ee/record=b1280911\\*est](http://www.ester.ee/record=b1280911*est)

## **Исследование некоторых закономерностей изнашивания и измельчения в ударных измельчителях : диссертация ... кандидата технических наук : 05.02.04 - трение и износ в машинах**

**Piel, Maret** 1979 [http://www.ester.ee/record=b2381428\\*est](http://www.ester.ee/record=b2381428*est)

## **Исследование некоторых условий применимости твердых сплавов TiC-сталь при абразивном и гидроабразивном изнашивании**

**Kübarsepp, Jakob; Annuka, Harri; Valdma, Leo** Трение и износ = Friction and Wear : международный научный журнал 1985 / с. 851-858 : илл [https://www.ester.ee/record=b1312784\\*est](https://www.ester.ee/record=b1312784*est)

## **Исследование процесса абразивного износа каналов центробежно-ударной мельницы**

**Kleis, Ilmar; Lugus, Jaan; Uuemõis, Haljand** Сборник трудов 1974 / с. 139-148 [https://www.ester.ee/record=b1764431\\*est](https://www.ester.ee/record=b1764431*est)

## **Исследование процесса изнашивания металлов при наличии абразивной прослойки : автореферат ... кандидата технических наук**

**Valdma, Leo** 1956 [http://www.ester.ee/record=b2327605\\*est](http://www.ester.ee/record=b2327605*est)

## **Исследование процесса скользюще-кориолисового изнашивания**

**Tümanok, Aleksei; Lugus, Jaan** Производство и применение силикатных бетонов 1976 / с. 155-163 : илл [https://www.ester.ee/record=b1351084\\*est](https://www.ester.ee/record=b1351084*est)

## **Исследование свойств карбидтитановых твердых сплавов, сцементированных сплавами на основе железа, предназначенных для работы в условиях абразивного изнашивания : автореферат ... кандидата технических наук (05.16.06)**

**Kübarsepp, Jakob** 1979 [https://www.ester.ee/record=b2341097\\*est](https://www.ester.ee/record=b2341097*est)

## **Исследование состояния металла и износа экранных труб при водяной очистке топki парогенератора П-49 Назаровской ГРЭС**

**Ots, Arvo; Tallermo, Harri; Tomann, Elvi; Mäeküla, Oskar; Randmann, Rein; Schneider, V.; Stoljarevski, V.K.** Исследование работы парогенераторов электростанций 1980 / с. 79-98 : илл [https://www.ester.ee/record=b1267046\\*est](https://www.ester.ee/record=b1267046*est)  
<https://digikogu.taltech.ee/et/Item/7b38f6f0-c33e-409c-9c20-df3fb2b99715>

## **Исследование способов повышения долговечности рабочих колес аглоэксгаустеров**

**Kleis, Ilmar; Kovalenko, I.I.; Loboda, V.M.; Ovsjannikova, L.B.; Stupnitski, A.M.** Трение и износ в машинах : сборник статей. 11 1981 / с. 23-41 : илл [https://www.ester.ee/record=b2191149\\*est](https://www.ester.ee/record=b2191149*est) <https://digikogu.taltech.ee/et/Item/983b9430-cae0-4a0d-a83d-ddb843ffcaee>

## **Исследование стойкости в струе абразива декоративных материалов и покрытий экстерьера автомобиля**

**Pappel, Toivo; Verežnikov, V.N.; Judin, V.J.** Трение и износ в машинах. 13 1985 / с. 61-68 : ил [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est) <https://www.etera.ee/zoom/121375/view?>

## **Исследование стойкости к абразивному износу**

**Verežnikov, V.N.; Judin, V.F.; Kleis, Ilmar; Pappel, Toivo** Автомобильная промышленность : ежемесячный научно-технический журнал 1984 / с. 28 [https://www.ester.ee/record=b2131277\\*est](https://www.ester.ee/record=b2131277*est)

## **Исследование технологических возможностей улучшения износостойкости сплавов TiC-сталь**

**Annuka, Harri; Kübarsepp, Jakob; Valdma, Leo** Трение и износ в машинах. 14 1987 / с. 54-63

## **Исследование ударного износа металлокерамических твердых сплавов разной твердости**

**Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 1 1965 / с. 11-16 : илл

[https://www.ester.ee/record=b2181989\\*est](https://www.ester.ee/record=b2181989*est) <https://digikogu.taltech.ee/et/Item/c8c0d777-7bb9-4cb8-9189-55809fb62535>

**К математической модели объемного износа рабочих колес ЦКМ**

**Ovsjannikova, L.B.** Трение и износ в машинах 1983 / с. 29-34 : ил [https://www.ester.ee/record=b2191148\\*est](https://www.ester.ee/record=b2191148*est)  
<https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

**Кинетика абразивного изнашивания поверхностей спеченных твердых сплавов**

**Pirso, Jüri; Kallas, Paul** Всесоюзная конференция по текстурам и рекристаллизации в металлах и сплавах (11-13 июня) : тезисы докладов 1980 / с. 282

**Комбинированный метод очистки поверхностей нагрева парогенераторов**

**Ots, Arvo; Suurkuusk, Tõnu** Теплоэнергетика 1976 / с. 60-64 : ил [https://www.ester.ee/record=b1443335\\*est](https://www.ester.ee/record=b1443335*est)

**Коррозионная стойкость спеченных твердых сплавов TiC-Fe-Cr и её влияние на коррозионно-абразивное изнашивание**

**Kallast, Vambola; Kübarsepp, Jakob** Защита металлов 1989 / с. 107-111 : ил., табл [https://www.ester.ee/record=b2054384\\*est](https://www.ester.ee/record=b2054384*est)

**Коррозионно-эрозионный износ мембранного экрана сланцевого котла при циклической водяной обмывке**

**Ots, Arvo; Tallermo, Harri; Pella, Villu** Проблемы работы котельных установок тепловых электростанций 1985 / с. 51-60 : ил [https://www.ester.ee/record=b1527421\\*est](https://www.ester.ee/record=b1527421*est) <https://digikogu.taltech.ee/et/Item/ac15dfb9-6485-4d10-a4ce-45e8c668dd1b>

**Коррозионно-эрозионный износ пароперегревателей сланцевых парогенераторов : автореферат ... кандидата технических наук (05.273)**

**Tallermo, Harri** 1972 [http://www.ester.ee/record=b1353514\\*est](http://www.ester.ee/record=b1353514*est)

**Коррозионно-эрозионный износ пароперегревателей сланцевых парогенераторов : диссертация ... кандидата технических наук**

**Tallermo, Harri** 1971 [http://www.ester.ee/record=b2266093\\*est](http://www.ester.ee/record=b2266093*est)

**Лабораторные испытания металлов на износостойкость при трении с абразивной прослойкой**

**Valdma, Leo** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 113-126 : илл [https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est) <https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**Машина для исследования изнашивания свободным абразивом**

**Kleis, Ilmar** 1958 [https://www.ester.ee/record=b1380584\\*est](https://www.ester.ee/record=b1380584*est) <https://digikogu.taltech.ee/et/Item/d7191e54-ef38-4d14-9403-d84fe2df679a>

**Методика и некоторые результаты исследования ударного износа при низких температурах**

**Lepikson, Heino; Rein, Siimpoe** Износ, усталость и коррозия металлов : сборник статей. 3 1969 / с. 31-39 : илл [https://www.ester.ee/record=b2183085\\*est](https://www.ester.ee/record=b2183085*est) <https://digikogu.taltech.ee/et/Item/28ca169d-6b4f-44b6-92fd-45d8fc81e458/>

**Методика исследования закономерностей изнашивания инструмента при обработке ячеистого бетона**

**Seestrand, Lembit** Трение и износ в машинах : сборник статей. 11 1981 / с. 13-21 : илл [https://www.ester.ee/record=b2191149\\*est](https://www.ester.ee/record=b2191149*est)  
<https://digikogu.taltech.ee/et/Item/983b9430-cae0-4a0d-a83d-ddb843ffcaee>

**Методика исследования и характер износа центробежных форсунок**

**Sakarias, A.; Saarse, J.; Valdma, Leo** Машиностроение и строительство : XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов) 1970 / с. 33-34 [https://www.ester.ee/record=b1379481\\*est](https://www.ester.ee/record=b1379481*est)

**Механизм газоабразивного изнашивания порошковых покрытий**

**Kallas, Paul; Kulu, Priit; Halling, Jaanus** Трение и износ в машинах. 13 1985 / с. 37-45 : ил [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est) <https://www.etera.ee/zoom/121375/view?>

**Механизм и закономерности изнашивания порошковой стали в условиях абразивной эрозии**

**Kulu, Priit; Halling, Jaanus** Трение и износ в машинах. 14 1987 / с. 25-31

**Механизм избирательного изнашивания порошковых твердых сплавов**

**Pirso, Jüri; Kallas, Paul** Трение и износ в машинах. 13 1985 / с. 27-36 : ил [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est)  
<https://www.etera.ee/zoom/121375/view?>

**Механизм изнашивания боковой поверхности матриц вырубных твердосплавных штампов**

**Vitsut, E.; Pirso, Jüri; Kallas, Paul** Пути повышения эффективности использования инструментальных ресурсов : сборник тезисов докладов научно-технического семинара 1983 / с. 42-49 : ил [https://www.ester.ee/record=b1291705\\*est](https://www.ester.ee/record=b1291705*est)

**Механизм изнашивания порошковых твердых сплавов при малой скорости абразивных частиц**

**Kallas, Paul; Pirso, Jüri** Трение и износ = Friction and Wear : международный научный журнал 1986 / с. 484-492 : ил [https://www.ester.ee/record=b1312784\\*est](https://www.ester.ee/record=b1312784*est)

**Механические свойства и абразивная износостойкость карбидосталей**

**Kübarsepp, Jakob; Rešetnjak, Heinrich; Annuka, Harri** Порошковая металлургия : тезисы докладов XVI Всесоюзная научно-техническая конференция, Свердловск, 1989. Ч. 2 1989 / с. 64-65

**Моделирование гидроабразивного износа и разработка безвольфрамовых твердых сплавов**

**Valdma, Leo; Kallas, Paul** XVI Всесоюзная научно-техническая конференция "Порошковая металлургия" : тезисы докладов. Ч. 3 1989 / с. 9-10

**Моделирование изнашивания ротора ЦКМ**

**Mägi, Rein; Tadolder, Jüri** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 30-41: ill

**Моделирование эрозионного изнашивания твердых хрупких материалов**

Beckmann, G.; Gotzmann, J. Трение и износ в машинах. 13 1985 / с. 103-109 : ил [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est)  
<https://www.etera.ee/zoom/121375/view?>

**Модернизированный четырехшариковый трибометр для исследования упорных подшипников двигателей прямого привода**

**Kressa, H.; Poller, P.; Velling, Ants** XXXII студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 19-21 апреля 1988 г. : тезисы докладов : [в 3-х частях], ч. 1 1988 / с. 101  
[https://www.ester.ee/record=b1571601\\*est](https://www.ester.ee/record=b1571601*est)

**Некоторые данные о гидроабразивном износе спеченных материалов типа карбид титана - сталь**

**Kübarsepp, Jakob; Valdma, Leo** Трение и износ в машинах 1978 / с. 57-66 : илл [https://www.ester.ee/record=b2190999\\*est](https://www.ester.ee/record=b2190999*est)  
<https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0.0.1964.3047>

**Некоторые закономерности абразивной эрозии твердых сплавов : автореферат ... кандидата технических наук (325)**

Kabral, Hillar-Endel 1970 [https://www.ester.ee/record=b1388325\\*est](https://www.ester.ee/record=b1388325*est)

**Некоторые закономерности изнашивания карбидосталей в условиях абразивной эрозии**

Rešetnjak, Heinrich; **Kübarsepp, Jakob; Sepp, A.; Annuka, Harri** Трение и износ = Friction and Wear : международный научный журнал 1989 / с. 525-529 : илл [https://www.ester.ee/record=b1312784\\*est](https://www.ester.ee/record=b1312784*est)

**Некоторые количественные зависимости изнашивания технически чистых металлов**

**Tadolder, Jüri** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 118-119 [https://www.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

**Некоторые количественные зависимости изнашивания технически чистых металлов**

**Tadolder, Jüri** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 3-13 : илл  
[https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est) <https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**Некоторые проблемы создания стандартных методов испытания на абразивное изнашивание в свете энергетической концепции : автореферат ... кандидата технических наук (05.02.04)**

**Pappel, Toivo** 1975 [http://www.ester.ee/record=b1318201\\*est](http://www.ester.ee/record=b1318201*est)

**Некоторые проблемы создания стандартных методов испытания на абразивное изнашивание в свете энергетической концепции : диссертация ... кандидата технических наук : 05.02.04 - трение и износ в машинах**

**Pappel, Toivo** 1975 [http://www.ester.ee/record=b2332186\\*est](http://www.ester.ee/record=b2332186*est)

**Некоторые результаты исследования ударного износа с влажным песком**

**Siimpoe, Rein; Kleis, Ilmar** Сборник научных трудов студентов. 4 1965 / с. 89-95 : илл [https://www.ester.ee/record=b2181987\\*est](https://www.ester.ee/record=b2181987*est)  
<https://digikogu.taltech.ee/et/Item/15040af2-b264-4339-b7b1-c0140de7d1c1>

**Нет износа...порошку**

**Arumäe, Heino; Kudu, P.** Советская Эстония 1983 / с. ? [https://www.ester.ee/record=b1447330\\*est](https://www.ester.ee/record=b1447330*est)

**Новая машина для исследования характеристик трения и износа подшипников скольжения**

**Särgava, Paul; Mosberg, Rudolf** X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 39 [https://www.ester.ee/record=b1749611\\*est](https://www.ester.ee/record=b1749611*est)  
<http://www.digar.ee/id/nlib-digar:376945>

**О влиянии геометрической формы абразивного зерна при ударном изнашивании**

**Tadolder, Jüri** Износ, усталость и коррозия металлов : сборник статей. 3 1969 / с. 23-29 : илл  
[https://www.ester.ee/record=b2183085\\*est](https://www.ester.ee/record=b2183085*est) <https://digikogu.taltech.ee/et/Item/28ca169d-6b4f-44b6-92fd-45d8fc81e458/>

**О влиянии добавок воды и Са(ОН)2 на интенсивность изнашивания рабочих органов ударных измельчителей**  
**Uuemõis, Haljand**; Balbat, A. Трение и износ в машинах 1980 / с. 19-24 [https://www.ester.ee/record=b2191013\\*est](https://www.ester.ee/record=b2191013*est)  
<https://digikogu.taltech.ee/et/Item/ce30370b-afd1-4c7d-a563-4e4f7a1b178e>

**О влиянии температуры на механизм изнашивания металлов в струе абразива**  
**Suur, Uno** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 63-76 : илл [https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est)  
<https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**О влиянии термической обработки стали У8 на ее износостойкость в абразивной струе**  
**Tamm, F.; Tulp, A.; Kleis, Ilmar** X студенческая научно-техническая конференция высших учебных заведений Прибалтики, Белорусской ССР и Калининградской области : аннотации научных работ 1964 / с. 40 [https://www.ester.ee/record=b1749611\\*est](https://www.ester.ee/record=b1749611*est)  
<http://www.digar.ee/id/nlib-digar:376945>

**О возможности моделирования изнашивания материалов мазутных форсунок**  
**Valdma, Leo; Pirso, Jüri** Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 17-30 : илл  
[https://www.ester.ee/record=b2190525\\*est](https://www.ester.ee/record=b2190525*est) <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

**О возможностях моделирования гидроабразивного изнашивания**  
**Muiste, U.; Kleis, Ilmar; Uuemõis, Haljand** Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 71-77 : илл  
[https://www.ester.ee/record=b2190525\\*est](https://www.ester.ee/record=b2190525*est) <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

**О возможностях создания методики расчета деталей на ударный износ**  
**Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 103-111 [https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est)  
<https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**О коррозионно-механическом износе оборудования торфобрикетных предприятий ЭССР**  
**Kallast, Vambola; Üksti, Lembit** Тезисы Межвузовской конференции по коррозии и защите металлов 1971 / с. 37-38  
[https://www.ester.ee/record=b1409081\\*est](https://www.ester.ee/record=b1409081*est)

**О коэффициенте трения при абразивном изнашивании металлов**  
**Valdma, Leo** Сборник трудов по физике. 1 1959 / с. 3-12 : илл [https://www.ester.ee/record=b2181306\\*est](https://www.ester.ee/record=b2181306*est)  
<https://digikogu.taltech.ee/et/Item/db723e21-6629-468d-adb0-cd5b56bb53a2>

**О критериях относительной износостойкости и о влиянии абсолютных размеров при испытаниях цилиндрических образцов на абразивное изнашивание**  
**Kuldma, Harry** Сборник статей по изнашиванию и заеданию материалов 1962 / с. 29-34 : илл  
[https://www.ester.ee/record=b1394579\\*est](https://www.ester.ee/record=b1394579*est) <https://digikogu.taltech.ee/et/Item/b6d1e3c1-a1ec-4c89-b14e-63bd4f9a23b3>

**О методике исследования изнашивания материалов гидроабразивной струей**  
**Valdma, Leo; Nanits, Mats-Maidu; Särgava, Paul; Kallas, Paul** Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 33-38 : илл [https://www.ester.ee/record=b2190702\\*est](https://www.ester.ee/record=b2190702*est) <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>

**О механизме разрушения технически чистых металлов при изнашивании в струе абразива**  
**Tadolder, Jüri** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 35-40, [4] с. илл.  
[https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est) <https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**О механизме эрозионного износа эластомеров**  
**Pallase, Ado** Трение и износ в машинах. 15 1989 / с. 35-45

**О моральном износе оборудования в социалистической промышленности**  
**Kala, H.; Soidra, Ivo-Aat** Сборник научных трудов студентов. 4 1965 / с. 155-164 : илл [https://www.ester.ee/record=b2181987\\*est](https://www.ester.ee/record=b2181987*est)  
<https://digikogu.taltech.ee/et/Item/15040af2-b264-4339-b7b1-c0140de7d1c1>

**О некоторых возможных причинах ускорения коррозионно-эрозионного износа поверхностей нагрева в условиях их периодической очистки**  
**Pella, Villu** Исследование работы парогенераторов электростанций 1984 / с. 47-57 : ил [https://www.ester.ee/record=b1527381\\*est](https://www.ester.ee/record=b1527381*est)  
<https://digikogu.taltech.ee/et/Item/31d56eae-6e5d-428d-9fbf-f496480ae899>

**О некоторых закономерностях изнашивания материалов бил молотковых мельниц**  
**Arumäe, Heino; Õispuu, Leo** Трение и износ в машинах 1978 / с. 43-49 : илл [https://www.ester.ee/record=b2190999\\*est](https://www.ester.ee/record=b2190999*est)  
<https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0.0.1964.3047>

**О некоторых проблемах при создании стандартных методов испытания на абразивное изнашивание**

**Pappel, Toivo; Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 3-10 : илл  
[https://www.ester.ee/record=b2190702\\*est](https://www.ester.ee/record=b2190702*est) <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>

**О роли пластичности при изнашивании в струе абразивных частиц**

**Kallas, Paul** Трение и износ 1994 / 6, с. 1061-1068

**О эрозионной стойкости некоторых легированных материалов**

**Kleis, Ilmar; Pappel, Toivo** Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 23-28 : илл  
[https://www.ester.ee/record=b2190621\\*est](https://www.ester.ee/record=b2190621*est) <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

**Об изнашивании металлов в абразивной струе : автореферат ... кандидата технической наук**

**Kleis, Ilmar** 1959 [http://www.ester.ee/record=b1378847\\*est](http://www.ester.ee/record=b1378847*est)

**Об изнашивании металлов в абразивной струе**

**Kleis, Ilmar** 1959 [https://www.ester.ee/record=b1378875\\*est](https://www.ester.ee/record=b1378875*est) <https://digikogu.taltech.ee/et/Item/62387f67-8ebe-4660-806c-846f2006935e>

**Об изнашивании металлов в абразивной струе при повышенных температурах : автореферат дис. на соискание учен. степени канд. техн. наук**

**Suur, Uno** 1967 [http://www.ester.ee/record=b3994717\\*est](http://www.ester.ee/record=b3994717*est)

**Об изнашивании металлов в уплотненной абразивной массе : автореферат ... кандидата технических наук**

**Saar, Bernhard** 1965 [http://www.ester.ee/record=b1517976\\*est](http://www.ester.ee/record=b1517976*est)

**Об изнашивании металлов при повышенных скоростях струи**

**Tadolder, Jüri** Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 83-86 : илл  
[https://www.ester.ee/record=b2190702\\*est](https://www.ester.ee/record=b2190702*est) <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>

**Об изнашивании технически чистых металлов в абразивной струе : автореферат ... кандидата технических наук**

**Tadolder, Jüri** 1966 [http://www.ester.ee/record=b1570071\\*est](http://www.ester.ee/record=b1570071*est)

**Об изнашивании технических чистых металлов скользящей струей абразива**

**Stupnitski, Anatoli; Kleis, Ilmar; Rufanov, J.** Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 23-32 : илл  
[https://www.ester.ee/record=b2190702\\*est](https://www.ester.ee/record=b2190702*est) <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>

**Об исследованиях процессов изнашивания и диспергирования в ТПИ**

**Tadolder, Jüri** Развитие научных исследований в области технических наук в Эстонской ССР : тезисы республиканской конференции, Таллин, 15-16 октября 1986 г. 1986 / с. 60-63 [https://www.ester.ee/record=b1231513\\*est](https://www.ester.ee/record=b1231513*est)

**Об увеличения износостойкости поверхности вибросепараторов**

Бессараба В.И.; Деревянко Т.П.; Дубровский В.П.; Лось Л.В.; **Pappel, Toivo** Композиционные покрытия : тезисы докладов IV Всесоюзной научно-технической конференции, Житомир, 1991 1991 / с. 33-34

**Об ударом износе металлов**

**Kleis, Ilmar** XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 117-118 [https://www.ester.ee/record=b1359832\\*est](https://www.ester.ee/record=b1359832*est)

**Об эрозионном износе некоторых пластмасс : автореферат ... кандидата технических наук**

**Arumäe, Heino** 1967 [http://www.ester.ee/record=b1517707\\*est](http://www.ester.ee/record=b1517707*est)

**Образование волнистых поверхностей в процессе изнашивания**

**Suur, Uno** Износ, усталость и коррозия металлов : сборник статей. 2 1966 / с. 45-62, [12] с. : илл  
[https://www.ester.ee/record=b2182111\\*est](https://www.ester.ee/record=b2182111*est) <https://digikogu.taltech.ee/et/Item/28931306-2b98-4361-82fd-7171241556da>

**Определение распределения линейного износа по лопасти ротора ЦКМ**

**Mägi, Rein; Tadolder, Jüri** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 42-49: ill

**Определение формы и расположения фаски износа на задней грани резца**

**Jaanson, Arvo** Сборник статей по машиностроению. 3 1966 / с. 67-74 : илл [https://www.ester.ee/record=b2182127\\*est](https://www.ester.ee/record=b2182127*est)  
<https://digikogu.taltech.ee/et/Item/c2de9b3a-cc2e-4883-82d1-7e8605d39dce>

**Оптимальное проектирование жестко-пластических ступенчатых круглых и колцевых пластинок : автореферат ... кандидата физико-математических наук (01.02.04)**

**Salupere, Andrus** 1991 [http://www.ester.ee/record=b1234733\\*est](http://www.ester.ee/record=b1234733*est)

**Оптимальное проектирование жесткопластических ступенчатых круглых и кольцевых пластинок : дисс. на соиск. учен. степ. канд. физико-матем. наук : 01.02.04 - механика деформируемого твердого тела**  
Salupere, Andrus 1991 [http://www.ester.ee/record=b2488536\\*est](http://www.ester.ee/record=b2488536*est)

**Основы для определения износа поверхностей нагрева пароперегревателей при обдувке и дробевой очистке**  
Õpik, Ilmar; Tallermo, Harri; Tomann, Elvi Теплоэнергетика : сборник статей. 8 1968 / с. 35-43 : илл  
[https://www.ester.ee/record=b2182199\\*est](https://www.ester.ee/record=b2182199*est) <https://digikogu.taltech.ee/et/Item/a01ec629-96d1-4d89-a2fd-f7825ede610e/>

**Особенности механизма гидроабразивного изнашивания карбидохромовых спеченных сплавов**  
Kallas, Paul; Pirso, Jüri; Valdma, Leo Трение и износ в машинах 1978 / с. 67-77 : илл [https://www.ester.ee/record=b2190999\\*est](https://www.ester.ee/record=b2190999*est)  
<https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=%D0%A2%D1%80%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%B8%20%D0%B8%D0%B7%D0%BD%D0%BE%D1%81%20%D0%B2%20%D0%BC%D0%B0%D1%88%D0%B8%D0%BD%D0%B0%D1%85&tool=search&view=0.0.1964.3047>

**Оценка влияния избирательного износа облопачивания на К.П.Д. одновенечной турбинной ступени**  
Avdejev, E.; Zinovjev, Nikolai XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Электротехника и энергетика 1970 / с. 103-104 [https://www.ester.ee/record=b1379483\\*est](https://www.ester.ee/record=b1379483*est)

**Оценка контактных площадей и давлений в парах вал - втулка при наклоненной оси**  
Ajaots, Mairo; Tamre, Mart Трение и износ 1993 / 2, с. 334-340: ил

**Перспективы использования защитно-износостойких покрытий на заводе "Ильмарине"**  
Arensburger, Daniil; Pihl, Toomas; Rõuk, Arno Tallinna Tehnikaülikooli Toimetised 1990 / lk. 19-27: ill

**Повышение износостойкости инструмента при обработке ячеистого бетона**  
Seestrand, Lembit 1983 [https://www.ester.ee/record=b4908471\\*est](https://www.ester.ee/record=b4908471*est)

**Повышение износостойкости инструмента при обработке ячеистого бетона : автореферат ... кандидата технических наук (05.02.04)**  
Seestrand, Lembit 1984 [https://www.ester.ee/record=b2340323\\*est](https://www.ester.ee/record=b2340323*est)

**Повышение стойкости к износу детонационным напылением**  
Harlamov, J.; Sokolov, A. F.; Pappel, Toivo Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 49-54 : илл  
[https://www.ester.ee/record=b2190621\\*est](https://www.ester.ee/record=b2190621*est) <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

**Повышение стойкости лопаток роторов аглоэксгаустеров**  
Kleis, Ilmar; Rufanov, J.; Tadolder, Jüri Металлургическая и горнорудная промышленность : Научно-технический сборник 1976 / с. 86-87

**Показатели оценки износа твердосплавного разделительного штампа**  
Visut, E.; Pirso, Jüri; Kleis, Ilmar Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с.36-37 [https://www.ester.ee/record=b1256812\\*est](https://www.ester.ee/record=b1256812*est)

**Предположения по разработке стандарта на определение эрозионной стойкости материалов**  
Kleis, Ilmar; Tadolder, Jüri Тезисы докладов и сообщений. 17-19 января 1972 г. 1972 / с. 25-26

**Принципы создания и внедрение эрозионностойких порошковых материалов и покрытий : автореферат ... доктора технических наук (05.16.06)**  
Kulu, Priit 1988 [http://www.ester.ee/record=b1528236\\*est](http://www.ester.ee/record=b1528236*est)

**Приспособление к центробежному ускорителю ЦУК-3М для испытания материалов на абразивный износ с добавкой жидкости**  
Särgava, Paul; Valdma, Leo Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 55-63 : илл  
[https://www.ester.ee/record=b2190621\\*est](https://www.ester.ee/record=b2190621*est) <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

**Проблемы загрязнения, очистки и износа поверхностей нагрева котлов-утилизаторов МГД-электростанций**  
Ots, Arvo; Arro, Hendrik; Prikk, Arvi Проблемы работы котельных установок тепловых электростанций 1988 / с. 41-56

**Прогнозирование износостойкости порошковых материалов и покрытий в условиях абразивной эрозии**  
Kulu, Priit Трение и износ = Friction and Wear : международный научный журнал 1988 / с. 919-925 : ил  
[https://www.ester.ee/record=b1312784\\*est](https://www.ester.ee/record=b1312784*est)

**Прогнозирование износостойкости порошковых материалов и покрытий в условиях абразивной эрозии**  
Kulu, Priit; Tammeraid, Ivar; Halling, Jaanus Трение и износ в машинах. 14 1987 / с. 32-40

#### **Прогнозирование ресурса ЦКМ при газоабразивном изнашивании**

**Kleis, Ilmar; Tadolder, Jüri; Mägi, Rein** Всесоюзная научно-практическая конференция "Теория и практика создания, испытания и эксплуатация триботехнических систем" (г. Андропов, 28-30 мая 1986 г.) : тезисы докладов 1986 / с. 23-25

#### **Прогнозирование эрозионного износа эластомеров**

**Pallase, Ado** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 8-16: ill

#### **Прогнозирование эрозионного износа эластомеров**

**Pallase, Ado** Триботехнические композиционные материалы на основе термопластичных полиуретанов, технология производства и переработки, опыт внедрения в промышленность : Тезисы докладов Всесоюзного семинара, окт. 1989 г., Днепропетровск 1989 / с.36-36

#### **Прочность и износ вольфрамкобальтовых твердых сплавов в струе абразива**

**Klaasen, Heinrich; Kallas, Paul** Трение и износ = Friction and Wear : международный научный журнал 1988 / с. 519-523 : илл [https://www.ester.ee/record=b1312784\\*est](https://www.ester.ee/record=b1312784*est)

#### **Разработка высокоскоростных установок для комплексного исследования процесса измельчения и изнашивания**

**Kleis, Ilmar; Uuemõis, Haljand; Tiidemann, Tiit** Сборник трудов 1971 / с. 190-197 : илл [https://www.ester.ee/record=b1764431\\*est](https://www.ester.ee/record=b1764431*est)

#### **Разработка методики определения абразивности промышленных пылей применительно к роторам центробежных компрессорных машин : автореферат ... кандидата технических наук (05.02.04)**

**Mägi, Rein** 1984 [https://www.ester.ee/record=b1235753\\*est](https://www.ester.ee/record=b1235753*est)

#### **Разработка методики определения абразивности промышленных пылей применительно к роторам центробежных компрессорных машин : диссертация ... кандидата технических наук : 05.02.04 - трение и износ в машинах**

**Mägi, Rein** 1982 [https://www.ester.ee/record=b2425576\\*est](https://www.ester.ee/record=b2425576*est)

#### **Расчет абразивного износа металлов по диаграммам трения**

**Valdma, Leo** Износ, усталость и коррозия металлов : сборник статей. 1 1965 / с. 43-48 : илл [https://www.ester.ee/record=b2181989\\*est](https://www.ester.ee/record=b2181989*est) <https://digikogu.taltech.ee/et/Item/c8c0d777-7bb9-4cb8-9189-55809fb62535>

#### **Расчет износа гетерогенных порошковых материалов и покрытий**

**Kulu, Priit; Halling, Jaanus** Трение и износ в машинах. 15 1989 / с. 46-52

#### **Расчет износа поверхностей нагрева парогенераторов**

**Ots, Arvo; Suurkuusk, Tõnu** Korózia v energetike, zborník prednášok, Košice, 1978 1978 / с. 39-48

#### **Расчет износа поверхностей нагрева парогенераторов при сжигании лейпцигского бурого угля**

Herter, R.; **Ots, Arvo** Исследование работы парогенераторов электростанций 1979 / с. 117-125 : илл [https://www.ester.ee/record=b1271273\\*est](https://www.ester.ee/record=b1271273*est) <https://digikogu.taltech.ee/et/Item/aa46d054-b6b8-4ad0-bfd6-b9ce1a581794>

#### **Рентгенографическое исследование процессов, протекающих в металле при изнашивании в струе абразива**

**Mosberg, Rudolf; Kleis, Ilmar** Сборник статей по изнашиванию и заеданию материалов 1962 / с. 20-28 : илл [https://www.ester.ee/record=b1394579\\*est](https://www.ester.ee/record=b1394579*est) <https://digikogu.taltech.ee/et/Item/b6d1e3c1-a1ec-4c89-b14e-63bd4f9a23b3>

#### **Рентгенографическое исследование стали марки Ст. 3 при ударном износе**

**Uuemõis, Haljand; Pilvre, Uno** Физика, математика и теоретическая механика : сборник статей. 2 1967 / с. 17-22 : илл [https://www.ester.ee/record=b2182156\\*est](https://www.ester.ee/record=b2182156*est) <https://digikogu.taltech.ee/et/Item/9629c334-57f5-42a4-b7df-c9616b03b45d>

#### **Республиканская научная конференция : абразивная эрозия : тезисы докладов**

Balbat, A.; Bernštein, D.; **Valdma, Leo** 1970 [https://www.ester.ee/record=b1372146\\*est](https://www.ester.ee/record=b1372146*est)

#### **Сборник статей по изнашиванию и заеданию материалов**

1962 [https://www.ester.ee/record=b1394579\\*est](https://www.ester.ee/record=b1394579*est) <https://digikogu.taltech.ee/et/Item/b6d1e3c1-a1ec-4c89-b14e-63bd4f9a23b3>

#### **Свойства и технология изготовления износостойких материалов**

1984 [https://www.ester.ee/record=b1356624\\*est](https://www.ester.ee/record=b1356624*est) <https://digikogu.taltech.ee/et/Item/ea022321-1583-4ebc-b2cc-3fb5baef87a9>

#### **Свойства и технология изготовления износостойких материалов**

1980 [https://www.ester.ee/record=b1276393\\*est](https://www.ester.ee/record=b1276393*est) <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

#### **Свойства и технология изготовления износостойких материалов**

1982 [https://www.ester.ee/record=b1309562\\*est](https://www.ester.ee/record=b1309562*est) <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

**Связь упругопластических свойств поверхности твердых сплавов со стойкостью в условиях изнашивания**  
Кудрявцев В.А. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 24-26

**Селективный износ спеченных твердых сплавов в абразивной среде**

**Valdma, Leo** Свойства и технология изготовления износостойких материалов 1982 / с. 3-9 : илл

[https://www.ester.ee/record=b1309562\\*est](https://www.ester.ee/record=b1309562*est) <https://digikogu.taltech.ee/et/Item/da5bb058-212f-443b-9de3-5673fbd01534>

**Совершенствование организации ремонтного хозяйства и определение численности ремонтных рабочих в ПО "Норма"**

**Suppi, A.** Занятость и развитие промышленности ЭССР в перспективном периоде 1988 / с. 132-137

**Соударение жесткого сферического индентора с металлической преградой и газоабразивный износ**

**Kangur, Hillar** Трение и износ в машинах. 13 1985 / с. 13-25 : ил [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est)

<https://www.etera.ee/zoom/121375/view?>

**Способ определения угла атаки в промышленных установках подвергающихся абразивной эрозии**

**Kleis, Ilmar; Lepikson, Heino; Tadolder, Jüri** Вестник машиностроения : ежемесячный научно-технический и

производственный журнал 1970 / с. 57-58 : илл [https://www.ester.ee/record=b1446100\\*est](https://www.ester.ee/record=b1446100*est)

**Сравнительные испытания на изнашивание миниаторных подшипников скольжения, содержащих фторопласт**

**Ajaots, Mairo; Järvpõld, Lembit; Nanits, Mats-Maidu** Износ, усталость и коррозия металлов : сборник статей. 4 1970 / с. 3-9 :

илл [https://www.ester.ee/record=b2189975\\*est](https://www.ester.ee/record=b2189975*est) <https://digikogu.taltech.ee/et/Item/08de6dd6-c065-4fa4-8684-9b41e91f1bd2/>

**Статистическая обработка эксплуатационных данных по износу труб пароперегревателей парогенераторов ТП-67 Прибалтийской ГРЭС**

**Ingermann, Karl; Tallermo, Harri** Исследования проблем работы парогенераторов электростанций 1978 / с. 101-108 : илл

[https://www.ester.ee/record=b1305007\\*est](https://www.ester.ee/record=b1305007*est) <https://digikogu.taltech.ee/et/Item/0b775307-30d6-4b2a-886c-d3671cfcbcd6>

**Структурно-селективный износ композитов типа кермета в абразивной среде**

**Valdma, Leo** Трение и изнашивание композиционных материалов : материалы всесоюзной научно-технической конференции :

тезисы докладов ; Секция 1. Композиты на основе металлов, включая металлокерамические 1982 / с. 23

**Тепловая эффективность и износ труб поверхностей нагрева парогенераторов при водяной очистке**

**Ots, Arvo; Suurkuusk, Tõnu; Tallermo, Harri; Tomann, Elvi; Randmann, Rein; Mäeküla, Oskar** Исследование работы

парогенераторов электростанций 1978 / с. 35-45 : илл [https://www.ester.ee/record=b1305010\\*est](https://www.ester.ee/record=b1305010*est)

<https://digikogu.taltech.ee/et/Item/09125683-d46c-4be7-be07-843610e851b7>

**Тепловая эффективность и износ ширмовых пароперегревателя в условиях периодической очистки**

**Ots, Arvo; Suurkuusk, Tõnu** Вопросы сжигания канско-ачинских углей в мощных парогенераторах : Краткие тезисы докладов

ко II всесоюзному научно-техническому совещанию 1973 / с. 144-145

**Термохимическое модифицирование древесины. Сообщение I, Проблемы износа и затупления инструмента при резании древесных композиционных материалов**

**Riistop, Märt; Kaps, Tiit** Синтез и применение поликонденсационных клеев. 4 1981 / с. 81-85

[https://www.ester.ee/record=b2191035\\*est](https://www.ester.ee/record=b2191035*est) <https://digikogu.taltech.ee/et/Item/b5691e32-e425-4279-b0c6-86c2af1f88a1>

**Топография износа центробежного распылителя**

**Valdma, Leo; Nanits, Mats-Maidu** Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 65-73 : илл

[https://www.ester.ee/record=b2190621\\*est](https://www.ester.ee/record=b2190621*est) <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

**Трение и износ в машинах**

**Tadolder, Jüri; Pallase, Ado; Pappel, Toivo; Järvpõld, Lembit; Vainu, J.; Kulu, Priit; Halling, Jaanus; Tammeraid, Ivar;**

**Letunovitš, Sergei; Arensbürger, Daniil; Pirso, Jüri; Kallas, Paul; Juriditski, B.J.; Mihailov, B.G.; Annuka, Harri; Kübarsepp,**

**Jakob; Valdma, Leo; Kallasvee, Andres; Saar, Bernhard; Möldre, Heino; Tamre, Mart; Ajaots, Mairo; Lees, Rein** 1987

[https://www.ester.ee/record=b2191170\\*est](https://www.ester.ee/record=b2191170*est)

**Трение и износ в машинах**

**Tadolder, Jüri; Kleis, Ilmar; Remi, Toomas; Kangur, Hillar; Ellermäa, Riho-Rene; Pallase, Ado; Kulu, Priit; Halling, Jaanus;**

**Pirso, Jüri; Kallas, Paul; Klautš, D.N.; Kuštševa, M.N.; Rõuk, Marina; Kübarsepp, Jakob; Annuka, Harri; Valdma, Leo; Ajaots,**

**Mairo; Põdra, Priit; Tamre, Mart** 1989 [https://www.ester.ee/record=b2191662\\*est](https://www.ester.ee/record=b2191662*est)

**Трение и износ в машинах : сборник статей**

1981 [https://www.ester.ee/record=b2191149\\*est](https://www.ester.ee/record=b2191149*est) <https://digikogu.taltech.ee/et/Item/983b9430-cae0-4a0d-a83d-ddb843ffcae>

**Трение и износ в машинах**

**Tadolder, Jüri** 1991 [https://www.ester.ee/record=b1062833\\*est](https://www.ester.ee/record=b1062833*est)

**Трение и износ в машинах**

1978 [https://www.ester.ee/record=b2190999\\*est](https://www.ester.ee/record=b2190999*est) <https://www.etera.ee/zoom/121378/view?page=1&p=separate&search=true&tool=search>

**Трение и износ в машинах**

1980 [https://www.ester.ee/record=b2191013\\*est](https://www.ester.ee/record=b2191013*est) <https://digikogu.taltech.ee/et/Item/ce30370b-afd1-4c7d-a563-4e4f7a1b178e>

**Трение и износ в машинах**

1983 [https://www.ester.ee/record=b2191148\\*est](https://www.ester.ee/record=b2191148*est) <https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

**Трение и износ в машинах**

1985 [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est) <https://www.etera.ee/zoom/121375/view?>

**Установка для испытания материалов на износ**

**Ajaots, Maido; Laaneots, Rein; Tamre, Mart** Международный студенческий центр XII Всемирной фестивали молодежи и студентов 1985 / с. 11-12

**Установка по исследованию износа металлов в газоабразивной струе при повышенных температурах : (сообщение)**

**Suur, Uno; Sarandi, Jüri** Республиканская научная конференция : абразивная эрозия : тезисы докладов 1970 / с. 9 [https://www.ester.ee/record=b1372146\\*est](https://www.ester.ee/record=b1372146*est)

**Установка по исследованию износа металлов в струе абразива при повышенных температурах**

**Suur, Uno** Сборник статей по изнашиванию и заеданию материалов 1962 / с. 51-67 : илл [https://www.ester.ee/record=b1394579\\*est](https://www.ester.ee/record=b1394579*est) <https://digikogu.taltech.ee/et/Item/b6d1e3c1-a1ec-4c89-b14e-63bd4f9a23b3>

**Установка по определению износостойкости материалов в абразивной сыпучей массе и методика исследований**

**Saar, Bernhard** Сборник статей по изнашиванию и заеданию материалов 1962 / с. 35-50 : илл [https://www.ester.ee/record=b1394579\\*est](https://www.ester.ee/record=b1394579*est) <https://digikogu.taltech.ee/et/Item/b6d1e3c1-a1ec-4c89-b14e-63bd4f9a23b3>

**Устройство для испытания образцов материалов на изнашивание**

**Ajaots, Maido** 1987 [https://www.ester.ee/record=b2029687\\*est](https://www.ester.ee/record=b2029687*est)

**Учет точности статистических характеристик при определении вероятности селективного срабатывания релейной защиты**

**Möller, Kalju** Энергетические системы : сборник статей. 2 1965 / с. 77-87 [https://www.ester.ee/record=b2181997\\*est](https://www.ester.ee/record=b2181997*est) <https://digikogu.taltech.ee/et/Item/eec6a33-a1eb-4988-b989-2f0fd4d9a796>

**Физико-химические аспекты механизма изнашивания металлов в потоке влажного абразива**

**Üksti, Lembit** Трение и износ в машинах 1983 / с. 19-27 : ил [https://www.ester.ee/record=b2191148\\*est](https://www.ester.ee/record=b2191148*est) <https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

**Характер изнашивания рабочих органов турбоизмельчителей**

**Kleis, Ilmar; Valdma, Leo; Sokolov, A. F.; Pirso, Jüri; Pappel, Toivo** Химическое и нефтегазовое машиностроение : научно-технический и производственный журнал 1977 / с. 33-34 : илл [https://www.ester.ee/record=b2158380\\*est](https://www.ester.ee/record=b2158380*est)

**Характер изнашивания роторов ЦКМ и прогнозирование его интенсивности**

**Kleis, Ilmar; Tadolder, Jüri; Mägi, Rein** Энергомашиностроение : ежемесячный научно-технический и производственный журнал 1984 / с. 8-11 [https://www.ester.ee/record=b2253960\\*est](https://www.ester.ee/record=b2253960*est)

**Характер изнашивания роторов ЦКМ и прогнозирования его интенсивности**

**Kleis, Ilmar; Tadolder, Jüri; Mägi, Rein** Энергомашиностроение : ежемесячный научно-технический и производственный журнал 1984 / с. 8-11 [https://www.ester.ee/record=b2253960\\*est](https://www.ester.ee/record=b2253960*est)

**Характер изнашивания спеченных твердых сплавов в струях абразива и гидроабразива**

**Kallas, Paul; Valdma, Leo** Направления развития инструментального производства в X пятилетке : сборник тезисов докладов научно-технического семинара 1978 / с. 157 [https://www.ester.ee/record=b1308562\\*est](https://www.ester.ee/record=b1308562*est)

**Характер изнашивания спеченных твердых сплавов в струях гидроабразива и абразива**

**Kallas, Paul; Valdma, Leo** Трение и износ в машинах 1980 / с. 11-17 : илл [https://www.ester.ee/record=b2191013\\*est](https://www.ester.ee/record=b2191013*est) <https://digikogu.taltech.ee/et/Item/ce30370b-afd1-4c7d-a563-4e4f7a1b178e>

**Характер износа центробежных мазутных форсунок**

**Valdma, Leo; Mosberg, Rudolf; Pirso, Jüri; Kudrjartsev, Vladimir; Kozjakov, Vladimir** Научно-координационное совещание по абразивному изнашиванию. Тезисы докладов и сообщений. 17-19 января 1972 г 1971 / с. 79-82

#### **Характер эрозии центробежных распылителей мазутных форсунок**

**Valdma, Leo; Pakkas, Loit; Arumeel, Edgar; Pirso, Jüri; Kozjakov, Vladimir** Энергомашиностроение : ежемесячный научно-технический и производственный журнал 1974 / с. 41-43 [https://www.ester.ee/record=b2253960\\*est](https://www.ester.ee/record=b2253960*est)

#### **Характеристика геометрии абразивного зерна**

**Kleis, Ilmar; Mägi, Rein** Трение и износ в машинах 1983 / с. 7-17 : ил [https://www.ester.ee/record=b2191148\\*est](https://www.ester.ee/record=b2191148*est)  
<https://digikogu.taltech.ee/et/Item/876d7109-271d-48ba-b6b2-7bd68c0f4458>

#### **Центробежное устройство для испытания конструкционных материалов на изнашивание**

**Ajaots, Maido; Laaneots, Rein; Lees, Rein; Saar, Bernhard** Трение и износ в машинах. 13 1985 / с. 89-94 : ил  
[https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est) <https://www.etera.ee/zoom/121375/view?>

#### **Экспериментальное исследование геометрии ударных лунок**

**Kangur, Hillar; Kleis, Ilmar** Трение и износ в машинах. 13 1985 / с. 3-12 : ил [https://www.ester.ee/record=b2191144\\*est](https://www.ester.ee/record=b2191144*est)  
<https://www.etera.ee/zoom/121375/view?>

#### **Экспериментальное исследование геометрии ударных лунок различных инденторов**

**Kleis, Ilmar; Remi, Toomas** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 3-7: ill

#### **Экспериментальное исследование режимов заедания в высших кинематических парах с линейным контактом**

**Meng, Valentin** 1957 [http://www.ester.ee/record=b2154659\\*est](http://www.ester.ee/record=b2154659*est)

#### **Экспериментальное исследование режимов заедания в высших кинематических парах с линейным контактом : автореферат...кандидата технических наук**

**Meng, Valentin** 1957 [http://www.ester.ee/record=b1385190\\*est](http://www.ester.ee/record=b1385190*est)

#### **Экспериментальное исследование режимов заедания в высших кинематических парах с линейным контактом**

**Meng, Valentin** 1957 [https://www.ester.ee/record=b1384779\\*est](https://www.ester.ee/record=b1384779*est) <https://digikogu.taltech.ee/et/Item/2fd786e9-dcd6-4f2b-9530-0e854d159535>

#### **Электрохимические исследования гидроабразивного износа сталей**

**Sokolov, A.F.** Трение и износ в машинах : сборник статей. 11 1981 / с. 43-48 : илл [https://www.ester.ee/record=b2191149\\*est](https://www.ester.ee/record=b2191149*est)  
<https://digikogu.taltech.ee/et/Item/983b9430-cae0-4a0d-a83d-ddb843ffcaee>

#### **Энергетический критерий для оценки износостойкости при абразивном изнашивании**

**Rappel, Toivo; Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 11-21 : илл  
[https://www.ester.ee/record=b2190702\\*est](https://www.ester.ee/record=b2190702*est) <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>

#### **Эрозионная стойкость пористого проницаемого железа**

**Kulu, Priit; Bussel, Oleg; Pugin, V.** Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1974 / с. 58-62 : ил [https://www.ester.ee/record=b1645489\\*est](https://www.ester.ee/record=b1645489*est)

#### **Эрозионная стойкость порошковых покрытий и пути повышения их износостойкости**

**Kulu, Priit** Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с.51-52 [https://www.ester.ee/record=b1256812\\*est](https://www.ester.ee/record=b1256812*est)