

A novel alumina – nanocarbon hybrid material

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Si3N4 balls

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Lille, Harri; Kõo, Jakub; Rjabtšikov, Aleksander; Reitsnik, Renno; **Veinthal, Renno; Mikli, Valdek; Sergejev, Fjodor** Engineering materials and tribology 2013 / p. 125-130 : ill

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Ryabchikov, Alexander; Lille, Harri; Reitsnik, Renno; Toropov, Stanislav; **Surženkov, Andrei; Kulu, Priit** International Conference on Residual Stresses 9 (ICRS 9) : selected, peer reviewed papers from the 9th International Conference on Residual Stresses (ICRS 9), October 7-9, 2012, Garmisch-Partenkirchen, Germany 2014 / p. 144-149 <https://doi.org/10.4028/www.scientific.net/MSF.768-769.144> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of severe plastic deformation processes for aluminum based composites = Alumiiniumi baasil komposiitide süvaplatsse deformatsiooni protsesside uurimine

Pramono, Agus 2016 <https://digi.lib.ttu.ee/i/?7098> https://www.ester.ee/record=b4640507*est

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Investigation of the fatigue mechanics aspects of PM hardmetals and cermets = Pulberkõvasulamite ja -kermiste väsimusmehaanika aspektide uurimine

Sergejev, Fjodor 2007 https://www.ester.ee/record=b2350243*est

Jet milling of the powders for Nd-Fe-B sintered magnets

Mural, Zorjana; Kollo, Lauri; Veinthal, Renno 2014 International Conference on NdFeB Magnets : Supply Chain, Critical Properties, & Applications : proceedings : March 2-5th, 2014, New Century Grand Hotel Ningbo 2014 / p. 180-183 : ill

Ka karastatud klaas on klaas

Kulu, Priit Inseneeria 2014 / lk. 8-9 : ill https://artiklid.elnet.ee/record=b2687412*est

Karbiidteraste kulumiskindlus abrasiivjoas : magistritöö : (vene keeles)

Annuka, Harri 1992 http://www.ester.ee/record=b2488716*est

Kas Eestile on tarvis oma metallurgiatööstust?

Kulu, Priit Insenerikultuur Eestis. 1 1992 / lk. 71-75 https://www.ester.ee/record=b1063622*est

Katsetus- ja kalibreerimistegevus mehaanika ja metroloogia katselaboris

Päärsoo, Riho TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit 2011 / lk. 74-78 : fot http://www.ester.ee/record=b2720689*est

Keevisõmbluste mittepurustav katsetamine [Võrguteavik] : kapillaarkatse. Aktsepteerimise tasemed = Non-destructive testing of welds : penetrant testing. Acceptance levels (ISO 23277:2015)

2015 http://www.ester.ee/record=b4532450*est

Keevisõmbluste mittepurustav katsetamine [Võrguteavik] : katsetamine ultraheliga. Meetodid, katsetamise tasemed ja hindamine = Non-destructive testing of welds : ultrasonic testing. Techniques, testing levels, and assessment (ISO 17640:2010)

2015 http://www.ester.ee/record=b4456155*est

Keevisõmbluste mittepurustav katsetamine [Võrguteavik] : magnetpulberkatse. Aktsepteerimise tasemed = Non-destructive testing of welds : magnetic particle testing. Acceptance levels (ISO 23278:2015)

2015 http://www.ester.ee/record=b4532453*est

Keevitajate atesteerimine : sulakeevitus. Osa 1, Terased = Qualification test of welders : fusion welding. Part 1, Steels

2013 https://www.ester.ee/record=b2908427*est

Keevitamine : MIG/MAG-keevitus

Laansoo, Andres 2014 https://www.ester.ee/record=b3071456*est

Keevitus ja külgnevad protsessid [Võrguteavik] : keevisliidete tähistamine tingmärkidega joonistel = Welding and allied processes : symbolic representation on drawings. Welded joints (ISO 2553:2013)

2015 http://www.ester.ee/record=b4478056*est

Keevitus ja külgnevad protsessid [Võrguteavik] : protsesside nomenklatuur ja viitenumbrid = Welding and allied processes : nomenclature of processes and reference numbers (ISO 4063:2009, Corrected version 2010-03-01)

2016 http://www.ester.ee/record=b4604543*est

Keevitus [Võrguteavik] : terase, nikli, titaani ja nende sulamite sulakeevitusliited (välja arvatud kiirguskeevituse meetodid) ; Kvaliteeditasemed keevitusdefektide järgi = Welding : fusion-welding joints in steel, nickel, titanium and their alloys (beam welding excluded) ; Quality levels for imperfections (ISO 5817:2003)

2015 http://www.ester.ee/record=b4502650*est

Keevituse vooluallikate valik ja koormatavus

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1997 / lk. 4-5 https://www.ester.ee/record=b5668719*est

Keevitusinverterid

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1996 / lk. 10-11 : ill https://www.ester.ee/record=b5668719*est

Keevitusmaterjalid : standardid, markeering, koostis, omadused : [käsiraamat]

1995 https://www.ester.ee/record=b1068939*est

Keevitustehnoloogia

Laansoo, Andres 2011 http://www.ester.ee/record=b2738782*est <https://digikogu.taltech.ee/et/Item/da9f0818-d5d9-4a5e-9355-ed5d225e09f3>

Keevitustööd : õppematerjal kutsekoolidele

Laansoo, Andres; Pihl, Toomas 2014 https://www.ester.ee/record=b4443922*est

Kellest saab TTÜ uus rektor? : Mente et Manu küsib

Aaviksoo, Jaak; **Kübarsepp, Jakob; Salupere, Andrus;** Ustav, Mart Mente et Manu 2015 / lk. 4-8 : fot https://artiklid.elnet.ee/record=b2718124*est

Kempomig seeria keevitusseadmed; Multisüsteemsed PSS-seeria keevituse vooluallikad

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Kübarsepp, Jakob Postimees 2014 / lk. 13

Kolm küsimust doktoriõppe süsteemi kohta

Kirm, Marco; **Veinthal, Renno;** Niglas, Katrin; Jaakma, Ülle Sirp 2016 / lk. 36-37 <http://www.sirp.ee/s1-artiklid/c21-teadus/kolm-kusimust-doktoriõppe-süsteemi-kohta/>

Komposiitmaterjalid

Arensburger, Daniil 2005 http://www.ester.ee/record=b2033458*est <https://digikogu.taltech.ee/et/Item/440a9e03-5695-4d7f-8a1f-fb91b9def74c>

Komposiitmaterjalid : täienduskursus : november 2007 - jaanuar 2008

Veinthal, Renno 2008 https://www.ester.ee/record=b4652765*est

Konstruktioonimaterjalide mehaanika : täienduskursus : jaanuar 2008 - märts 2008 : põhineb projektil "Täiendkoolitus- ja e-õppe süsteemi väljaarendamine materjali-tehnoloogidele ja kvaliteediinseneridele polümeer- ja komposiitmaterjalide valdkonnas Põhjamaade ja Euroopa tehnikaülikoolide kogemustest lähtudes"

Saarna, Mart 2008? https://www.ester.ee/record=b4652774*est

Kuidas hoiduda arengulõksust?

Veinthal, Renno; Lopp, Margus; Kattel, Rainer; Öpik, Andres; Kamratov, Ardo Mente et Manu 2014 / lk. 4-7 : fot https://www.ester.ee/record=b1242496*est

Kuumstantsiste projekteerimine : metoodiline materjal

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1996 https://www.ester.ee/record=b1058051*est

Laboratoorsete tööde juhendid metalliõpetuses. II

1998 https://www.ester.ee/record=b1207471*est

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Masinaehitus ja metallitööstus läbi aegade

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Höbemägi, Aleksei; **Kulu, Priit; Riives, Jüri** Eesti Masinatööstuse Liit. TTÜ mehaanikateaduskond 80 2016 / lk. 16-25 : ill

Materjaliteadus [TTÜs]

Kulu, Priit 75 aastat Tallinna Tehnikaülikooli 1994 / lk. 46-51 https://www.ester.ee/record=b1066846*est

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Kulu, Priit Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 257
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Kulu, Priit Insenerikultuur Eestis. 2 1995 / lk. 79-83: ill https://www.ester.ee/record=b1063622*est

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Kulu, Priit; Kübarsepp, Jakob; Laansoo, Andres; Veinthal, Renno 2015 https://www.ester.ee/record=b4459279*est
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Materjalitehnika : õpik kõrgkoolidele. 2

Kulu, Priit; Kübarsepp, Jakob; Laansoo, Andres; Veinthal, Renno 2015 https://www.ester.ee/record=b4459287*est
<https://digikogu.taltech.ee/et/Item/4ab40e78-b578-4dcc-aa3e-6516e8fa33c9>

Materjalitehnika : õpperaamat

Hendre, Enn; Kulu, Priit; Kübarsepp, Jakob; Metusala, Tiit; Tapupere, Olev 2003 http://www.ester.ee/record=b1809587*est

Materjalitehnika instituudi teadustegevus : kaasaegsed multifunktsionaalsed materjalid ja nende rakendused

Veinthal, Renno TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit 2011 / lk. 43-52 : ill., fot
http://www.ester.ee/record=b2720689*est

Materjalitehnika instituut

Kulu, Priit; Sergejev, Fjodor Mehaanikainseneride koolitus 1998-2016 2016 / lk. 92-115 : ill., fot
https://www.ester.ee/record=b4640989*est

Materjalitehnika seletav sõnaraamat : eesti, inglise, vene

Kübarsepp, Jakob; Kulu, Priit; Laansoo, Andres; Karjust, Kristo; Saarna, Mart 2013 http://www.ester.ee/record=b2931759*est

Materjalitehnika seletav sõnaraamat : eesti-inglise-vene

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2008 http://www.ester.ee/record=b2358983*est

Materjaliõpetus : juhendmaterjalid ja ülesanded materjalitehnika bakalaureuseõppe materjaliõpetuse kodu-, aine- ja lõputöödeks

2003 http://www.ester.ee/record=b1824518*est

Materjaliõpetuse laboratoorsete tööde juhend

2007 https://www.ester.ee/record=b2229760*est

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Measurement of geometry of small axisymmetric sheet metal component after forming

Lend, Henri; Ratas, Kaarin; Peetsalu, Priidu Medžiagotyra = Materials science 2015 / p. 473-478 : ill

<https://doi.org/10.5755/j01.ms.21.3.7384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Measurement of residual stresses in the cold-rolled Fe-Ni-Mn/Invar thermo-bimetallic plate

Lille, Harri; Kõo, Jakob; Valgur, Jaak; Ryabchikov, Alexander; Reitsnik, Renno; Veinthal, Renno International Conference on Residual Stresses 9 (ICRS 9) : selected, peer reviewed papers from the 9th International Conference on Residual Stresses (ICRS 9), October 7-9, 2012, Garmisch-Partenkirchen, Germany Materials science forum 2014 / p. 101-106

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Mechanical and physical properties of thermally modified wood flour reinforced polypropylene composites

Kallakas, Heikko; Martin, Mihkel; Goljandin, Dmitri; Poltimäe, Triinu; Krumme, Andres; Kers, Jaan Agronomy research 2016 / p. 994-1003 : ill http://ise.elnet.ee/record=b2891902~S1*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Mechanical properties of aluminum, zirconium, hafnium and tantalum oxides and their nanolaminates grown by atomic layer deposition

Jõgiaas, Taivo; Zabels, Roberts; Tamm, Aile; Merisalu, Maido; Hussainova, Irina Surface and coatings technology 2015 / p. 36-42 : ill <https://doi.org/10.1016/j.surfcoat.2015.10.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanical treatment of metal wastes

Kulu, Priit; Tümanok, Aleksei; Arensbürger, Daniil Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 7-8 https://www.ester.ee/record=b1492085*est

Mehaanikainseneri käsiraamat

2015

Mehaanikainseneri käsiraamat

2013 https://www.ester.ee/record=b3007631*est

Mehaanikainseneride koolitus 1998-2016

2016 https://www.ester.ee/record=b4640989*est

Mehaanikateaduskond

2013 http://www.ester.ee/record=b2960912*est

Mehaanikateaduskond = Faculty of Mechanical Engineering

2009 https://www.ester.ee/record=b2545318*est

Mehaanikateaduskond 75 : [ettekanne juubeliaktusel 30. septembril TTÜ aulas]
Otto, Tauno; Kulu, Priit Tallinna Tehnikaülikooli aastaraamat 2011 2012 / lk. 37-45

Mehaanikateaduskond 2008

2008 https://www.ester.ee/record=b2421266*est

Mehaanikateaduskond 2011

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Otto, Tauno; Sergejev, Fjodor Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 191-193

Mehaanikateaduskonna roll Eesti masinatööstuses

Kulu, Priit Eesti Masinatööstuse Liit 1991-2006 2006 / lk. 44-49 : portr https://www.ester.ee/record=b2191227*est

Mehhanotehnika valdkonna kutsestandardid : [ettekanne mehaanikainseneride päeval 27. septembril 2013 TTÜs]

Kulu, Priit; Paist, Aadu Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 213-215

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Šiškins, Andrejs; Mironovs, Viktors; Zemčenkova, Vjačeslavs; **Hussainova, Irina** Euro PM2014 proceedings : PM Functional Materials 2014

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Veinthal, Renno; Kollo, Lauri; Pohlak, Meelis Äripäev 2015 / Tööstus, lk. 36-38

Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Keevitusprotseduuri katse. Osa 1, Teraste gaas- ja kaarkeevitus ning nikli ja niklisulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials. Welding procedure test. Part 1, Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2004+A1:2008+A2:2012)

2013 https://www.ester.ee/record=b2908512*est

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Talimets, Ellen 2004 https://www.ester.ee/record=b1926933*est

Metallide tehnoloogia kateeder 1947-1992. Materjalitehnika instituut 1992-2016

2016 http://www.ester.ee/record=b4649065*est

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Kallas, Paul; Kulu, Priit 1994 https://www.ester.ee/record=b1066558*est

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Kulu, Priit 2005 http://www.ester.ee/record=b2071764*est

Metalliõpetus ja metallide tehnoloogia : eesti-inglise-saksa-vene terminid ja määratlused

1997 https://www.ester.ee/record=b1053791*est

Metalliõpetus ja metallide tehnoloogia. III, Keevitus. Termolõikamine. Jootmine. Termopindamine : eesti-inglise-saksa-vene terminid ja määratlused

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Metalliõpetuse laboratoorsete tööde juhendid

2000 https://www.ester.ee/record=b1059269*est

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Pohlak, Meelis; Veinthal, Renno Eesti Päevaleht 2015 / Metallileht, lk. 2

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Dhoska, Klodian; Kübarsepp, Toomas; Dorri, Altin; Pramono, Agus Instrumentation and measurement systems 2015 / p. 195-199 : ill <http://dx.doi.org/10.4028/www.scientific.net/AMM.771.195>

Micromechanical properties and electrical conductivity of Cu and Cu-0.7wt% Cr alloy

Kommel, Lembit; Pardis, N.; **Kimmari, Eduard** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 354-359 : ill

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

Microstructure and properties of UFG metals and alloys

Kommel, Lembit XII International Conference on Nanostructured Materials (NANO 2014) : July 13-18, 2014 : program 2014 / p. 103

Microstructure evolution and mechanical properties investigation of friction stir welded AlMg5-Al₂O₃ nanocomposites

Babu, N. Kishore; **Kallip, Kaspar**; Leparoux, Marc TMS 2016 : 145 Annual Meeting & Exhibition : supplemental proceedings 2016 / p. 729-736 : ill http://dx.doi.org/10.1007/978-3-319-48254-5_87

Microstructure evolution of WC-TiC-CO cemented carbides during reactive sintering

Tarraste, Marek; **Juhani, Kristjan**; **Pirso, Jüri** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

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Microstructure formation of (Ti, Mo)C-Ni cermet

Jõelet, Marek; **Pirso, Jüri**; **Juhani, Kristjan** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Microstructure, mechanical, and impression creep properties of AlMg5-0.5 vol% Al₂O₃ nanocomposites

Talari, Mahesh Kumar; Babu, N. Kishore; **Kallip, Kaspar** Advanced engineering materials 2016 / p. 1958-1966 : ill <http://dx.doi.org/10.1002/adem.201600301>

Microstructure, texture and mechanical properties of cyclic expansion-extrusion deformed pure copper

Pardis, N.; Chen, C.; Ebrahimi, R.; **Kommel, Lembit** Materials science and engineering : A 2015 / p. 423-432 : ill <https://doi.org/10.1016/j.msea.2015.01.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Miks ei edene doktoriõpingud?

Veinthal, Renno Mente et Manu 2016 / lk. 4-6 : fot https://artiklid.elnet.ee/record=b2758758*est

Milling metal chips into raw material of powder metallurgy by collision method

Aljas, Eerik; **Goljandin, Dmitri**; **Tümanok, Aleksei** Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 60-61 : ill https://www.ester.ee/record=b1492085*est

Mittepurustav katsetamine [Võrguteavik] : kapillaarkatse ja magnetpulberkatse. Vaatlemise tingimused (ISO 3059:2012) = Non-destructive testing : penetrant testing and magnetic particle testing. Viewing conditions (ISO 3059:2012)

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Yung, Der-Liang 2016 http://www.ester.ee/record=b4621174*est

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Maidla, Margus Sirp 2016 / lk. 34-35 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/tee-maailmatasemel-tippspetsialistiks/>

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Tehnoplastid : plastide üldiseloostus, plastide valik, plastide mehaanilised teimid, firmoplastid

1999 https://www.ester.ee/record=b1222251*est

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Terase kaarkeevitusliited : kvaliteeditasemete määramine keevitusvigade järgi

2000 http://www.ester.ee/record=b1400416*est

Terased & malmid : Vene, Saksa, Soome, Rootsi standardid (markeering, koostis, omadused) : vastavus

1993 https://www.ester.ee/record=b1057362*est

Terased : eurostandardid (liigitus, tähistus, marqueering, koostis, margivastavus) : firmaterased. Alumiiniumisulamid : eurostandardid (markeering, koostis, margivastavus) : firmasulamid

1998 https://www.ester.ee/record=b1223692*est

Terased : Eurostandardid (liigitus, tähistus, marqueering, koostis), vastavus

Terminiarendusest TTÜ-s kõrgkooliõpiku "Materjalitehnika" näitel

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Tarraste, Marek; Juhani, Kristjan; Kübarsepp, Jakob; Pirso, Jüri; Mikli, Valdek Euro PM2015 Congress & Exhibition : proceedings : 4-7 October 2015, Reims Congress Centre, Reims, France 2015 / [6] p. : ill. [USB]

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Antonov, Maksim; Pirso, Jüri; Goljandin, Dmitri; Vallikivi, Ahto; Hussainova, Irina Wear 2016 / p. 53-68 : ill

<https://doi.org/10.1016/j.wear.2016.02.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Tribological behavior of carbon nanofibers deposited on hard nanocomposite (nc-Ti1-xAlxN)/(a-Si3N4) coating

Kimmari, Eduard; Podgurski, Vitali; Simunin, M.; **Adoberg, Eron; Surženkov, Andrei; Viljus, Mart;** Hartelt, M.; Wäsche, R.; **Sildos, Ilmo; Kulu, Priit** Surface & coatings technology 2013 / p. 21-25 : ill <https://doi.org/10.1016/j.surfcoat.2013.03.011>

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<https://doi.org/10.1515/htmp-2012-0161> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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Karjust, Kristo; **Sergejev, Fjodor** Eesti Masinatööstuse Liit. TTÜ mehaanikateaduskond 80 2016 / lk. 95-121 : ill

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Laansoo, Andres Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 307-308

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1995 https://www.ester.ee/record=b1068035*est

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1994 https://www.ester.ee/record=b1297803*est

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https://www.ester.ee/record=b1070511*est

Абразивная износостойкость карбидосталей

Kübarsepp, Jakob; Annuka, Harri; Valdma, Leo Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с. 23-24 https://www.ester.ee/record=b1256812*est

Влияние размола на некоторые свойства металлических порошков и порошковых смесей

Kulu, Priit; Letunoviš, Sergei; Pastak, Lauri XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 133 https://www.ester.ee/record=b1322629*est

Вопросы триботехнического материаловедения порошковых карбидостальных композитов

Valdma, Leo; Kübarsepp, Jakob; Annuka, Harri Современные проблемы триботехнологии : тезисы докладов Всесоюзной научно-технологической конференции 1988 / с. 152-153

Дефектный состав порошкового сульфида кадмия с примесью серебра и хлора

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