

A non-linear deformation model for particle impact process

Pappel, Toivo; Põdra, Priit; Järvpõld, Neeme 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers 2008 / p. 12-13

Analyse von mechanischen Kontaktproblemen auf FEM-Basis

Põdra, Priit Technologietransfer für einen innovativen Mittelstand 1995 / S. 233

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

At the crossroads

Põdra, Priit Estonia : a land of human dimensions 2006 / p. [35] : ill https://www.ester.ee/record=b2153880*est

Calibration of coating thickness gauges

Laaneots, Rein; Põdra, Priit METROLOGIE 97 : 8e Congres International de Metrologie, Besancon-France, 20 au 23 octobre 1997 : actes des conferences 1997 / p. 59-64: ill

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>

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

Contact temperature distribution between sliding bodies

Põdra, Priit; Andersson, Sören Proceedings of the 6th Nordic Symposium on Tribology NORDTRIB 94 : 12-15 June 1994, Uppsala, Sweden. Vol. 2 1994 / p. 535-546

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

Einfluss der Oberflächentopographie der Schichtdickennormale auf die Bestimmung der Schichtdicke

Laaneots, Rein; Põdra, Priit VIII Internationales Oberflächenkolloquim. Chemnitz, 1992. Band 2 1992 / S. 178-182

Elektrooniline andmeedastus säästab raha ja andmeid

Põdra, Priit Äripäev 2002 / 28. mai, lk. 9

FE wear simulation of sliding contacts : doctoral thesis

Põdra, Priit 1997 https://www.ester.ee/record=b1753644*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

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. 72-80: ill

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

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

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

Finite element method and its usable applications in wear models design

Sivitski, Alina; Põdra, Priit Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 71-76 : ill

Fookus paika : müüa tuleb usaldust

Jekimov, Dmitri; **Põdra, Priit**; Koha, Andres; Mets, Oliver TööstusEST 2017 / lk. 36-40 : portr http://www.ester.ee/record=b4481084*est
https://artiklid.elnet.ee/record=b2829170*est

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](#)

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

Inseneride vajadus Eestis - müüdid ja tegelikkus

Põdra, Priit Fraater : korporatsioon Fraternitas Estica ajakiri 2018 / lk. 10-13 : ill https://www.ester.ee/record=b4640794*est
<http://fliphtml5.com/qxzs/jws/basic>

Machinery risk assessment integration with design and development methods for risk and potential failure reduction considering safety and efficiency

Sivitski, Alina; Põdra, Priit Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 030013
<https://doi.org/10.1063/5.0189257> [Journal metrics at Scopus](#) [Article at Scopus](#)

Mehaanikainseneri käsiraamat

Gomeringer, Roland; Heinzler, Max; Kilgus, Roland 2022 https://www.ester.ee/record=b5469119*est

Mehaanikainseneri käsiraamat

2015

Mehaanikainseneri käsiraamat

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

Mehhanotehnika ja metallide käsiraamat

2012 http://www.ester.ee/record=b2860365*est

A non-linear deformation model for particle impact process

Pappel, Toivo; Põdra, Priit; Järvpõld, Neeme Materials science = Medžiagotyra 2009 / p. 32-34
<https://matsc.ktu.lt/index.php/MatSc/article/view/26116>

Polümeeride hõõrdumine reversiivkulgemisel : magistriväitekiri

Põdra, Priit 1991 https://www.ester.ee/record=b2632169*est

Product development - two conceptual approaches in Estonia today

Põdra, Priit; Kannelmäe, Ülo Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 53-56: ill

Risk assessment and calibration of risk matrices aspects

Sivitski, Alina; Põdra, Priit IOP conference series : materials science and engineering 2021 / art. 012040,
<https://doi.org/10.1088/1757-899X/1140/1/012040>

Risk assessment of machinery supported by the Bayesian approach

Sivitski, Alina; Põdra, Priit Proceedings of the Estonian Academy of Sciences 2025 / p. 92-97 <https://doi.org/10.3176/proc.2025.2.01>

Rough surface model using the potential function superpositions

Telliskivi, Tanel; Põdra, Priit Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 68-69 : ill

Rough surface model using the potential function superpositions

Telliskivi, Tanel; Põdra, Priit Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 1, p. 16-25 : ill

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

Solving contact problems with elastic foundation surface model

Põdra, Priit; Andersson, Sören OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : proceedings 1996 / p. 36-44: ill https://www.ester.ee/record=b1033950*est

Solving contact problems with the elastic foundation surface model

Põdra, Priit; Andersson, Sören OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : program, abstracts 1996 / [1] p https://www.ester.ee/record=b1033950*est

Strength analysis of medium voltage overhead line crossarms for updating conductor

Kiitam, Ivar; Taklaja, Paul; Pohlak, Meelis; Põdra, Priit; Palu, Ivo 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818235>

Tugevusõpetus : õpik kõrgkoolidele

Klauson, Aleksander; Metsaveer, Jaan; Põdra, Priit; Raukas, Uusi 2017 http://www.ester.ee/record=b4649060*est

Tugevusõpetus : õpik kõrgkoolidele

Klauson, Aleksander; Metsaveer, Jaan; Põdra, Priit; Raukas, Uusi 2012 https://www.ester.ee/record=b2860224*est

Uncertainty focused strength analysis model

Põdra, Priit; Laaneots, Rein Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 198-203 : ill

Using FEM in tribology

Põdra, Priit Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 67-75: ill

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 simulation with the Winkler surface model

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

Опыт применения прибора ДП11-А при исследовании триботехнических характеристик миниатюрных опор

Põdra, Priit Трение и износ в машинах. 15 1989 / с. 91-96

Проект EDI : [рассказывает председатель правления АО EDI VEKTOR Прийт Пыдра]

Põdra, Priit Транзит 2000 / 6, с. 41 https://artiklid.elnet.ee/record=b1005826*est

Способ для экспресс-оценки триботехнических характеристик миниатюрных пар трения

Ajaots, Mairo; Põdra, Priit Трение и износ в машинах. 15 1989 / с. 85-90

Трение и износ в машинах

Tadolder, Jüri; Kleis, Ilmar; Remi, Toomas; Kangur, Hillar; Ellermaa, 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

Трение миниатюрных полимерных направляющих при динамических режимах

Põdra, Priit Tallinna Tehnikaülikooli Toimetised 1991 / lk. 74-82: ill