

Accelerated methods of determination of fatigue characteristics of materials

Strižak, Viktor; Preis, Irina Proceedings of XVII Symposium of Mathematical Modelling in Solid Mechanics by BEM & FEM 1999 / p. 275-280

Accelerated methods of determination of fatigue life of materials

Strižak, Viktor; Preis, Irina Proceedings of International 17th Conference on Boundary and Finite Elements Methods in Mechanics of Solids and Structures : June 1999, St. Petersburg, Russia. Vol. 2 1999 / p. 131-132

Application of the Murakami approach for prediction of surface fatigue of cemented carbides

Sergejev, Fjodor; Kübarsepp, Jakob; Preis, Irina Extended abstracts of 2006 Powder Metallurgy World Congress : Busan, Korea, September 24-28. 1 2006 / p. 633-634 <https://koreascience.kr/article/CFKO200617317789652.page>

Blanking performance and fatigue endurance of carbide composites

Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina; Sergejev, Fjodor; Traksmaa, Rainer Proceedings of 10th International Conference and Exhibition of the European Ceramic Society : June 17-21, 2007, Berlin 2007 / [4] p

Cemented carbides surface fatigue prediction using Murakami approach

Sergejev, Fjodor; Preis, Irina; Kübarsepp, Jakob; Klaasen, Heinrich Proceedings of EURO PM 2006 Congress & Exhibition : Ghent, Belgium, 23-26 Oct. 2006. 1 2006 / p. 61-66

Correlation between surface fatigue and microstructural defects of cemented carbides

Sergejev, Fjodor; Preis, Irina; Kübarsepp, Jakob; Antonov, Maksim NORDTRIB 2006 : 12th Nordic Symposium in Tribology : Helsingor, Denmark, 7-9 June 2006 2006 / p. 68

Correlation between surface fatigue and microstructural defects of cemented carbides

Sergejev, Fjodor; Preis, Irina; Kübarsepp, Jakob; Antonov, Maksim Wear 2007 / 9, p. 770-774 : ill

Correlation between surface fatigue and microstructural defects of cemented carbides : experimental validation

Sergejev, Fjodor; Preis, Irina; Kübarsepp, Jakob Book of abstracts : International Symposium on Fatigue Design and Material Defects : Trondheim, Norway, 23-25 May 2011 2011 / p. 32-33

Durability in application of TiC-base cermets

Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina PM2004 : Powder Metallurgy World Congress & Exhibition : 17-21st October 2004, Vienna, Austria : Euro PM2004 : conference proceedings. Volume 3 2004 / p. 617-622 : ill

Durability of advanced TiC base cermets

Klaasen, Heinrich; Preis, Irina; Kübarsepp, Jakob Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 21

Durability of advanced TiC-base cermets

Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina Proceedings of the Estonian Academy of Sciences. Engineering 2003 / 4, p. 272-280 : ill

Edu tuleb pealtnäha kergelt : vastab TTÜ Arengufondi stipendiaat Irina Preis

Mesilane, Mai; **Preis, Irina** Tehnikaülikool 1999 / 20. det., lk. 9: portr

Estimation of the endurance limit of cemented carbides based on pore size

Preis, Irina; Gray, Marquis; Sergejev, Fjodor Proceedings of Fatigue 2006, the 9th International Fatigue Congress : Atlanta, GA, 14-19 May 2006 2006 / [9] p. : ill

Fatigue mechanics of carbide composites

Sergejev, Fjodor; Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina International journal of materials & product technology 2011 / p. 140-163 : ill

Fatigue mechanics of TiC-based cemented carbides

Sergejev, Fjodor; Preis, Irina; Hussainova, Irina; Kübarsepp, Jakob Proceedings of the Institution of Mechanical Engineers. Part J, Journal of engineering tribology 2008 / p. 201-209 : ill <http://dx.doi.org/10.1243/13506501JET342>

Fatigue performance and mechanical reliability of cemented carbides

Preis, Irina 2004 https://www.ester.ee/record=b1994273*est

Fatigue performance of carbide composites

Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina; Sergejev, Fjodor EURO PM2005 : congress & exhibition : 2-5 October 2005, Prague, Czech Republic : proceedings. Volume 1 2005 / p. 323-328 : ill

Fatigue strength prediction of carbide composites by considering pores to be equivalent to small defects : effect of hot isostatic pressing

Sergejev, Fjodor; Preis, Irina; Kübarsepp, Jakob Book of abstracts : International Symposium on Fatigue Design and Material Defects : Trondheim, Norway, 23-25 May 2011 / p. 41-42

Microstructural aspects of fatigue mechanics of hardmetals and cermets

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

Murakami approach : fatigue strength prediction of cemented carbides by considering pores to be equivalent to small defects

Sergejev, Fjodor; Preis, Irina; Klaasen, Heinrich; Kübarsepp, Jakob EURO PM2005 : congress & exhibition : 2-5 October 2005, Prague, Czech Republic : proceedings. Volume 1 2005 / p. 335-340 : ill

Noored teadlased ei taha välismaale minna : [Jakob Kübarsepp ja Irina Preis kommenteerivad probleeme seoses välismaale doktoriõppesse minemisega]

Lõhmus, Alo; **Kübarsepp, Jakob; Preis, Irina** Postimees 2004 / 27. veebr., lk. 3 : fot <https://www.postimees.ee/1400661/noored-teadlased-ei-taha-valismaale-minna>

Preliminary assessment of durability of hardmetals and cermets

Preis, Irina; Kübarsepp, Jakob; Strizak, Viktor Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 175-178 : ill

Process analysis and reliability evaluation

Karaulova, Tatjana; Preis, Irina; Pribytkova, Marina Annals of DAAAM for 2008 & proceedings of the 19th International DAAAM Symposium : Intelligent Manufacturing & Automation : Focus on Next Generation of Intelligent Systems and Solutions 2008 / p. 701-702

Processing and microstructural characterization of WC based cermets doped by ZrO₂

Kimmari, Eduard; Hussainova, Irina; Smirnov, Anton; Traksmäa, Rainer; Preis, Irina 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 24

Processing and microstructural characterization of WC-based cermets doped by ZrO₂

Kimmari, Eduard; Hussainova, Irina; Smirnov, Anton; Traksmäa, Rainer; Preis, Irina Estonian journal of engineering 2009 / 4, p. 275-282 : ill

Reliability analysis of dynamically loaded systems

Karaulova, Tatjana; Preis, Irina; Marquis, G. Annals of DAAAM for 2007 & proceedings of the 18th International DAAAM Symposium "Intelligent Manufacturing & Automation" : October 2007, Zadar, Croatia 2007 / p. 367-368 <https://go.gale.com/ps/i.do?id=GALE%7CA177174647&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7E1d908e25&aty=open-web-entry>

Statistical strength of brittle materials : test methods and weibull modulus

Preis, Irina Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 205-208 : ill

Toughness and durability of cemented carbides

Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina Deformation and Fracture in Structural PM Materials : DF PM 2002 : proceedings of the international conference, Stara Lesna, Slovak Republic, September 15-18, 2002. Vol. 1 2002 / p. 77-83 : ill

Toughness characteristics of carbide composites

Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 154-156 : ill

Toughness of carbide composites and their durability in application

Klaasen, Heinrich; Kübarsepp, Jakob; Preis, Irina Euro PM 2002 : European Conference on Hard Materials and Diamond Tooling, Lausanne, Switzerland, October 7-9th 2002 : hard materials proceedings 2002 / p. 240-245 : ill

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

Технология металлов : руководство к выполнению практических заданий

Kübarsepp, Jakob; Kommel, Feodor; Laansoo, Andres; Preis, Irina 2001 https://www.ester.ee/record=b1499648*est