1. **Effect of grinding parameters on tooth surface waviness in continuous generating grinding for electric vehicle gears**

Tao, Yijie (State Key Laboratory of Mechanical Transmission for Advanced Equipment, China); Li, Guolong; Wang, Yu; Yu, Hao; Sun, Yu; Zhao, Xiaoliang **Source:** *Journal of Manufacturing Processes*, v 115, p 323-341, April 15, 2024
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2. **Numerical investigation on tooth surface waviness in continuous generating grinding of electric vehicle gears considering the main shaft vibration and grinding worm wear**

Tao, Yijie (State Key Laboratory of Mechanical Transmission for Advanced Equipment, China); Li, Guolong; Wang, Yu **Source:** *Precision Engineering*, v 91, p 242-254, December 2024
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3. **A Novel Method for Obtaining Analytical Parameters Based on Double-Flank Measurement** (*Open Access*)

Wang, Xiaoyi (School of Mechatronics Engineering, Henan University of Science and Technology, Luoyang; 471003, China); Liu, Mingkang; Yao, Tianyang; Zheng, Kunlei; Zhao, Chengxiang; Xiao, Longyuan; Zhu, Dongjie; Shi, Zhaoyao **Source:** *Sensors*, v 24, n 9, May 2024
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4. **Experimental uncertainty evaluation by measuring a micro gear standard using focus variation** (*Open Access*)

Gauder, Daniel (wbk Institute of Production Science, Karlsruhe Institute of Technology (KIT), Kaiserstr. 12, Karlsruhe; 76131, Germany); Gölz, Johannes; Bott, Alexander; Stein, Martin; Lanza, Gisela **Source:** *Measurement Science and Technology*, v 35, n 10, October 2024
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5. **Non-contact flank modifications of spur gears using cathodic gear tools and mechanisms: an experimental study**

Rana, Vivek (Department of Mechanical Engineering, Indian Institute of Technology Indore, Madhya Pradesh, India); Jain, Neelesh Kumar; Pathak, Sunil **Source:** *Materials and Manufacturing Processes*, v 39, n 5, p 720-734, 2024
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Li, Zhen (College of Mechanical and Electrical Engineering, Central South University, Changsha, China); Wang, Qingshan; Wang, Ruihua; Qin, Bin; Shao, Wen **Source:** *Journal of Low Frequency Noise Vibration and Active Control*, v 43, n 1, p 41-74, March 2024
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Wang, Mingyang (Key Laboratory of Mechanism Theory and Equipment Design of Ministry of Education, Tianjin University, Tianjin; 300072, China); Li, Shuwen; Sun, Yuehai **Source:** *Mechanisms and Machine Science*, v 149, p 35-44, 2024, *Advances in Mechanism and Machine Science - Proceedings of the 16th IFToMM World Congress 2023—Volume 3*
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Ding, Han (State Key Laboratory of High Performance Complex Manufacturing, Central South University, Changsha; 410083, China); Deng, Xiongyao; Xiao, Yiyuan; Wang, Jie; Li, Ruichao; Zhang, Guan; He, Daoguang **Source:** *International Journal of Heat and Mass Transfer*, v 230, September 15, 2024
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Zhou, Sen (Chongqing Academy of Metrology and Quality Inspection, Chongqing; 401121, China); Mao, Shuang; Tao, Lei; Zhou, Jin; Xu, Jian **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 13083, 2024, *SPIE Future Sensing Technologies 2024*
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Gomes, Caio Felipe Siqueira (Instituto Tecnológico de Aeronáutica, Praça Marechal-do-Ar Eduardo Gomes, 50, São José Dos Campos/SP, Brazil); Colombo, Tiago Cristofer Aguzzoli; Rego, Ronnie Rodrigo **Source:** *Lecture Notes in Mechanical Engineering*, p 46-54, 2024, *ABCM Series on Mechanical Sciences and Engineering - 12th Brazilian Manufacturing Engineering Congress - COBEF*
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Becker, Linda (Ruhr-University Bochum, Bochum; D-44801, Germany); Tenberge, Peter **Source:** *Tribologie und Schmierungstechnik*, v 71, n 1, p 35-43, May 2024
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Shao, Yanjie (South China University of Technology, School of Mechanical and Automotive Engineering, China); Chen, Yangzhi; Xiao, Xiaoping; Zheng, Maoxi; He, Weitao **Source:** *Strojniski Vestnik/Journal of Mechanical Engineering*, v 70, n 9-10, p 483-493, 2024
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Reavie, Tom (National Gear Metrology Laboratory, Design Unit, Newcastle University, Newcastle, United Kingdom); Frazer, Robert; Przyklenk, Anita; Stein, Martin **Source:** *Engineering Research Express*, v 6, n 1, March 2024
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14. Face gear drives: Nominal contact stress calculation for flank load carrying capacity evaluation (*Open Access*)

Hochrein, Jonas-Frederick (Gear Research Center (FZG), TUM School of Engineering and Design, Technical University of Munich, Boltzmannstraße 15, Garching near Munich; 85748, Germany); Otto, Michael; Stahl, Karsten **Source:** *Mechanism and Machine Theory*, v 195, May 2024
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15. Multi-Tooth Contact Analysis of Rough-Flank Hypoid Gears Based on Non-Uniform Rational B-Splines

Yang, Ji-Xuan (State Key Laboratory of Automotive Simulation and Control, Jilin University, Changchun; 130025, China); Chen, Zhi-Yong; Shi, Wen-Ku; Yang, Hong-Bo; Zhao, Yan-Yan; Song, Hai-Sheng; Liu, Jian **Source:** *SSRN*, July 31, 2024
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16. Research on Virtual Measurement Method of Gear Radial Composite Deviation Based on Point Cloud Data

Wang, Yazhou (School of Mechanical and Electrical Engineering, Lanzhou University of Technology, 36 Pengjiaping Road, Qilihe District, Lanzhou; 730050, China); Wang, Gang; Fan, Yuanzhuo; Zhang, Haokun; Liu, Yongping **Source:** *SSRN*, March 10, 2024
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17. Trustworthy Diagnostics With Out-of-Distribution Detection: A Novel Max-Consistency and Min-Similarity Guided Deep Ensembles for Uncertainty Estimation

Zhang, Xiaochen (Fujian Normal University, College of Computer and Cyber Security, Fuzhou; 350117, China); Wang, Chen; Zhou, Wei; Xu, Jiajia; Han, Te **Source:** *IEEE Internet of Things Journal*, v 11, n 13, p 23055-23067, July 1, 2024
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Wang, Yazhou (School of Mechanical and Electrical Engineering, Lanzhou University of Technology, 36 Pengjiaping Road, Qilihe District, Lanzhou; 730050, China); Wang, Gang; Fan, Yuanzhuo; Zhang, Haokun; Liu, Yongping **Source:** *Results in Engineering*, v 22, June 2024
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Hadj Kacem, M. (Normandie Mechanical Laboratory LMN, Mechanical Engineering Department, National Institute of Applied Sciences of Rouen, Saint-Étienne-du-Rouvray, France); El Hami, A.; Dammak, K.; Trabelsi, H.; Walha, L.; Haddar, M. **Source:** *Mechanics of Advanced Materials and Structures*, v 31, n 7, p 1464-1477, 2024
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Yu, Bo (Beijing Engineering Research Center of Precision Measurement Technology and Instruments, Beijing University of Technology, Beijing; 100124, China); Li, Zhenggao; Sun, Yanqiang; Shi, Zhaoyao **Source:** *Measurement Science and Technology*, v 35, n 5, May 2024
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Cao, Ke (Academy of Machinery Science and Technology Group, Yanqi Lake Institute of Basic Manufacturing Technology Group Co., Ltd., Beijing, China); Qiu, Cheng; Gong, Yu; Li, Jinfeng **Source:** *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, v 238, n 6, p 2521-2531, March 2024
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Han, Yi (National Engineering Research Center for Equipment and Technology of Cold Strip Rolling, Yanshan University, Qinhuangdao; 066004, China); Shao, Zhuge; Liu, Yuejun; Wang, Dashuang; Xiao, Yao; Zhang, Tianxiong **Source:** *Applied Thermal Engineering*, v 255, October 15, 2024
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25. Heat Treatment of 20MnCr5 and X20NiCrAlMoV6-5-2-1 for High Temperature Gear Applications

Steinbacher, Matthias (Leibniz-Institut für Werkstofforientierte Technologien-IWT, Badgasteiner Str. 3, Bremen; 28359, Germany); Hellenbrand, Gerrit; Mevissen, Dieter; Brimmers, Jens; Brecher, Christian **Source:** *ASTM Special Technical Publication*, v STP 1649, p 29-47, 2024, *Bearing and Transmission Steels Technology*
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Chen, Yong (State Key Laboratory of Featured Metal Materials and Life-Cycle Safety for Composite Structures, Guangxi University, Nanning; 530004, China); Luo, Li; Zhang, Yuquan; Zhou, Xingyun; Zeng, Deshan; Yu, Fucheng **Source:** *Materials*, v 17, n 23, December 2024
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Müller, Daniel (Gear Research Center (FZG), Institute of Machine Elements, TUM School of Engineering and Design, Technical University of Munich, Boltzmannstrasse 15, Garching; 85748, Germany); Tobie, Thomas; Stahl, Karsten **Source:** *Forschung im Ingenieurwesen/Engineering Research*, v 88, n 1, December 2024
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Chu, Xiaomeng (College of Mechanical Engineering and Automation, Liaoning University of Technology, Liaoning Province, Jinzhou; 121001, China); Liu, Yali; Zeng, Hong **Source:** *Journal of Thermal Science and Engineering Applications*, v 16, n 4, April 1, 2024
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Qian, Xu (School of Mechanical and Aerospace Engineering, Jilin University, Changchun; 130022, China); Yan, Wanbin; Chen, Sujiao; Zhang, Yonghua; Luo, Yuchao; Liu, Chunbao **Source:** *Tribology International*, v 195, July 2024
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Sun, Xianshun (Key Laboratory of High Efficiency and Clean Mechanical Manufacture of MOE, School of Mechanical Engineering, Shandong University, Jinan; 250061, China); Zhao, Jun; Song, Shaokang; Lu, Yongliang; Sun, Huiyang **Source:** *Meccanica*, v 59, n 7, p 1037-1060, July 2024
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Hildebrand, Lucas (Technical University of Munich, School of Engineering and Design, Department of Mechanical Engineering, Gear Research Center (FZG), Boltzmannstraße 15, Garching near Munich; D-85748, Germany); Genuin, Stefan; Lohner, Thomas; Stahl, Karsten **Source:** *Tribology International*, v 195, July 2024
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Ayan, Emre (Institute of Thermal Turbomachinery, Karlsruhe Institute of Technology, Karlsruhe, Germany); Kromer, Christian; Schwitzke, Corina; Bauer, Hans-Jörg **Source:** *Heat and Mass Transfer/Waerme- und Stoffuebertragung*, v 60, n 4, p 685-700, April 2024
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Liu, Huaming (State Key Laboratory of Precision Manufacturing for Extreme Service Performance, Central South University, Changsha; 410017, China); Tang, Jinyuan; Liu, Chenwei; Liu, Yashuai; Jiang, Weizhe; Sun, Beier **Source:** *Surface and Coatings Technology*, v 489, August 15, 2024
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Truong, Thi Tra My (Institute of Machine Elements and Machine Design (IMM), TU Dresden, Dresden; 01062, Germany); Ulrich, Carsten; Schumann, Stefan; Schlecht, Berthold **Source:** *Forschung im Ingenieurwesen/Engineering Research*, v 88, n 1, December 2024
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Li, Qihan (College of Mechanical Engineering, Zhejiang University of Technology, Hangzhou; 310014, China); Xu, Pu; Li, Lin; Xu, Weixin; Tan, Dapeng **Source:** *Processes*, v 12, n 2, February 2024
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Qiao, Zizhen (State Key Laboratory of Advanced Design and Manufacture for Vehicle Body, Hunan University, Changsha; 410082, China); Zhou, Changjiang; Su, Jie; Jiang, Xinghe **Source:** *Simulation Modelling Practice and Theory*, v 131, February 2024
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Finch, Thomas (nCATS, Faculty of Engineering and Physical Sciences, University of Southampton, Southampton, United Kingdom); Vitu, Tomas; Polcar, Tomas **Source:** *Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology*, v 238, n 1, p 26-43, January 2024
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Ralls, Alessandro Mauricio (University of Nevada, Reno) **Source:** *ProQuest Dissertations and Theses Global*, 2024
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Hoja, S. (Leibniz-Institut fur Werkstofforientierte Technologien, IWT, Badgasteiner Str. 3, Bremen; 28359, Germany); Guba, N.; Haupt, N.; Surm, H.; Hüsemann, T. **Source:** *HTM - Journal of Heat Treatment and Materials*, v 79, n 4, p 161-183, August 1, 2024
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Hicks, Calum (National Manufacturing Institute Scotland (NMIS), University of Strathclyde, Glasgow, United Kingdom); Tamimi, Saeed; Sivaswamy, Giribaskar; Pimentel, Misael; McKegney, Scott; Fitzpatrick, Stephen **Source:** *Journal of Materials Research and Technology*, v 30, p 6596-6608, May 1, 2024
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da Silva, Fernando Souza Roker (Department of Materials, Tribology and Surfaces, Federal University of Technology-Paraná, Paraná, Curitiba, Brazil); Franco, Renato Ribeiro; Dalcin, Rafael Luciano; da Silva, Carlos Henrique **Source:** *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, v 46, n 7, July 2024
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Hüsemann, Tobias (Leibniz Institute for Materials Engineering, Division Manufacturing Technologies, Badgasteiner Straße 3, Bremen; 28359, Germany); Guba, Nikolai; Surm, Holger; Heinzel, Carsten **Source:** *CIRP Annals*, v 73, n 1, p 253-256, January 2024
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Yu, Shuangyang (School of Mechanical and Electrical Engineering, Jiangxi University of Science and Technology, Ganzhou; 341000, China); Chong, Qi; Zhou, Jianzhu; Yang, Youwen; Li, Hua **Source:** *Micromachines*, v 15, n 12, December 2024
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Jeßberger, Julia (Mechatronic Systems in Mechanical Engineering, Technical University of Darmstadt, Otto-Berndt-Straße 2, Darmstadt; 64287, Germany); Fischer, Christian; Rinderknecht, Stephan **Source:** *Materials*, v 17, n 2, January 2024
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Lv, You (School of Mechanical and Civil Engineering, Jilin Agricultural Science and Technology University, Jilin; 132101, China); Cui, Bo; Sun, Zhaolong; Xiao, Xinlei **Source:** *Surface Topography: Metrology and Properties*, v 12, n 3, September 2024
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Vakouftsis, Christos (National Technical University of Athens, Greece); Vasileiou, Georgios; Kaisarlis, Georgios; Kalligeros, Christos; Papalexis, Christos; Zalimidis, Pavlos; Provatidis, Christopher; Spitas, Vasileios **Source:** *International Journal of Powertrains*, v 13, n 3, p 225-247, 2024
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Zhang, Boyu (State Key Laboratory of Mechanical Transmission for Advanced Equipment, Chongqing University, Chongqing, China); Liu, Huaiju; He, Yongyong; Guagliano, Mario **Source:** *Fatigue and Fracture of Engineering Materials and Structures*, v 47, n 8, p 3000-3014, August 2024
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48. On-Line Measurement of Rolling Contact Wear Performance of Plastic Gear Material Using Line Structured Light

Yan, Letian (College of Mechanical Engineering, Chongqing University of Technology, Chongqing; 400050, China); Yang, Changhui; Yang, Ge; Xin, Dong **Source:** *SSRN*, March 29, 2024
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Yan, Letian (College of Mechanical Engineering, Chongqing University of Technology, Chongqing; 400050, China); Yang, Changhui; Ge, Yang; Xin, Dong **Source:** *Measurement: Journal of the International Measurement Confederation*, v 238, October 2024
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Li, Xin (State Key Laboratory of Precision Manufacturing for Extreme Service Performance, College of Mechanical and Electrical Engineering, Central South University, Hunan, Changsha; 410083, China); Shao, Wen; Tang, Jinyuan; Ding, Han; You, Shengyu; Zhao, Jiuyue; Chen, Jiling **Source:** *Engineering Fracture Mechanics*, v 296, February 9, 2024
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Wang, Zhiyong (College of Mechanical and Intelligent Manufacturing, Central South University of Forestry and Technology, Changsha; 410004, China); Tang, Zhongwei; Zhou, Yuansheng; Zeng, Biao; Tang, Jinyuan **Source:** *Journal of Computational Design and Engineering*, v 11, n 4, p 184-202, August 1, 2024
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Le, Khoe-Qui (Department of Mechanical Engineering, National Central University, No. 300, Zhongda Rd., Zhongli District, Taoyuan City; 320317, Taiwan); Wu, Yu-Ren; Tran, Van-Quyet; Tran, Hoang-Quy **Source:** *International Journal of Advanced Manufacturing Technology*, v 134, n 7-8, p 3665-3685, October 2024
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Yonezawa, Hiroki (Graduate School of Science and Engineering, Saitama University, Shimo-Okubo 255, Sakura-ku, Saitama-shi, Saitama; 338-8570, Japan); Kaneko, Jun'ichi; Abe, Takeyuki; Irino, Naruhiro; Shinba, Yuta; Imabeppu, Yasuhiro **Source:** *International Journal of Abrasive Technology*, v 12, n 5, p 1-14, 2024
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Guo, Erkuo (School of Mechanical Engineering, Jiangsu University, Zhenjiang; 212013, China); Chen, Mingfeng; Liu, Chang; Gu, Xin **Source:** *International Journal of Advanced Manufacturing Technology*, v 132, n 9-10, p 5141-5152, June 2024
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Li, Benjie (School of Mechatronic Engineering, Southwest Petroleum University, Chengdu; 610500, China); Zhang, Chao; Yang, Xiao; Li, Huangshuai; Yu, Changlin; Li, Binglin **Source:** *SSRN*, May 27, 2024
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Wang, Jingchao (Hunan University, Hunan, Changsha; 410000, China); Yu, Jianwu; Huang, Kaifeng; Shang, Zhentao; Qian, Jun **Source:** *Journal of Physics: Conference Series*, v 2827, n 1, 2024
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Lohmann, Jörg (EMAG Koepfer GmbH, Villingen-Schwenningen, Germany) **Source:** *American Gear Manufacturers Association Fall Technical Meeting 2024, FTM 2024*, 2024, *American Gear Manufacturers Association Fall Technical Meeting 2024, FTM 2024*
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Huang, Kaifeng (College of Mechanical and Vehicle Engineering, Hunan University, Lushan South Road 2, Yuelu District, Hunan, Changsha; 410082, China); Yu, Jianwu; Luo, Hong; Shang, Zhentao; Huang, Shuai; Fu, Lin **Source:** *Mechanism and Machine Theory*, v 191, January 2024
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Zhang, Jinwen (Chongqing University, College of Mechanical and Vehicle Engineering, The State Key Laboratory of Mechanical Transmission, Chongqing; 400044, China); Li, Congbo; Li, Yongsheng; Wang, Ningbo; Li, Wei **Source:** *IEEE Transactions on Automation Science and Engineering*, v 21, n 3, p 3289-3297, 2024
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Aylott, Christopher (Design Unit, Newcastle University, United Kingdom); Vaidhianathasamy, Moorthy; Shaw, Brian **Source:** *American Gear Manufacturers Association Fall Technical Meeting 2024, FTM 2024*, 2024, *American Gear Manufacturers Association Fall Technical Meeting 2024, FTM 2024*
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Tambake, Nagesh (Department of Mechanical Engineering, Walchand Institute of Technology, Solapur, India); Deshmukh, Bhagyesh; Pardeshi, Sujit; Mahmoud, Haitham A.; Cep, Robert; Salunkhe, Sachin; Nasr, Emad Abouel **Source:** *Frontiers in Materials*, v 11, 2024
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Le, Khoe-Qui (Department of Mechanical Engineering, National Central University, 300, Zhongda Rd., Zhongli District, Taoyuan City; 320317, Taiwan); Wu, Yu-Ren; Luu, Trong-Thuan **Source:** *Journal of Manufacturing Science and Engineering*, v 146, n 9, September 1, 2024
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Wu, Jizhan (State Key Laboratory of Mechanical Transmission for Advanced Equipment, Chongqing University, Chongqing; 400044, China); Wei, Peitang; Liu, Guoqiang; Chen, Difa; Zhang, Xiuhua; Chen, Taimin; Liu, Huaiju **Source:** *Wear*, v 536-537, January 15, 2024
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Gu, Biao (School of Mechanical Engineering, Chongqing University of Technology, Chongqing; 400054, China); Wang, Yuhang; Tan, Rulong; Zhang, Weiqing **Source:** *Journal of Physics: Conference Series*, v 2761, n 1, 2024
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Li, Benjie (School of Mechatronic Engineering, Southwest Petroleum University, Chengdu; 610500, China); Zhu, Yingcai; Li, Huangshuai; Zheng, Hualin; Yang, Xiao; Guo, Liang **Source:** *Mechanical Systems and Signal Processing*, v 214, May 15, 2024
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Li, Xin (State Key Laboratory of Precision Manufacturing for Extreme Service Performance, College of Mechanical and Electrical Engineering, Central South University, Changsha; 410083, China); Shao, Wen; Tang, Jinyuan; Zhang, Ding; Chen, Jiling; Zhao, Jiuyue; Wen, Yuqin **Source:** *Engineering Failure Analysis*, v 165, November 2024
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Cheng, Zhenbang (Anhui Undergrowth Crop Intelligent Equipment Engineering Research Center, West Anhui University, Lu'an, 237012, China); Zhou, Yu; Liu, Zhengyu **Source:** *Journal of Vibroengineering*, v 26, n 2, p 223-239, March 1, 2024
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Rong, Shifeng (State Key Laboratory of Precision Manufacturing for Extreme Service Performance, Central South University, Changsha; 410083, China); Zhang, Jiange; Zhang, Xing; Li, Keliang; Rong, Kaibin; Zhou, Zhenyu; Ding, Han **Source:** *Mechanism and Machine Theory*, v 191, January 2024
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Ma, Xiang (Tianjin Key Laboratory for Advanced Mechatronic System Design and Intelligent Control, School of Mechanical Engineering, Tianjin University of Technology, No. 391 Bingshuixi Road, Xiqing District, Tianjin; 300384, China); Rui, Chengjie; Zhao, Xiaoshuai; Jia, Zeyi **Source:** *Journal of Advanced Mechanical Design, Systems and Manufacturing*, v 18, n 6, 2024
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Yi, Jun (Hunan Provincial Key Laboratory of High Efficiency and Precision Machining of Difficult-to-Cut Material, Hunan University of Science and Technology, Xiangtan; 411201, China); Pei, Kanglin; Li, Zhihong; Zhou, Wei; Deng, Hui **Source:** *International Journal of Advanced Manufacturing Technology*, v 132, n 9-10, p 4965-4977, June 2024
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Zhou, Weihua (Powder Metallurgy Research Institute, Central South University, Changsha; 410083, China); Tang, Jinyuan; Rong, Kaibin; Li, Zhuan; Shao, Wen **Source:** *Journal of Manufacturing Processes*, v 132, p 659-676, December 26, 2024
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Yang, Shuying (College of Mechanical Engineering, Changshu Institute of Technology, Suzhou; 210016, China); Chen, Weifang; Zheng, Lei **Source:** *Journal of Manufacturing Processes*, v 124, p 1010-1024, August 30, 2024
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Li, Yan (School of Mechanical Engineering, University of Shanghai for Science and Technology, Shanghai; 260093, China); Li, Gang; Wang, Zhonghou; Zhu, Wenmin **Source:** *Precision Engineering*, v 88, p 664-673, June 2024
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Kai, Xu (College of Mechanical Engineering, Chongqing University of Technology, Chongqing; 400054, China); Zheyu, Li; Guolong, Li; Liuqing, Du; Jianwei, Ji **Source:** *International Journal of Advanced Manufacturing Technology*, v 135, n 9-10, p 4963-4973, December 2024
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Aravindan, S. (Indira Gandhi Centre for Atomic Research, Tamilnadu, Kalpakkam; 603102, India); Sreedharan, K.V.; Partha Sarathy, U.; John Arul, A. **Source:** *Lecture Notes in Mechanical Engineering*, p 431-444, 2024, *Fluid Mechanics and Fluid Power - Select Proceedings of FMFP 2022*
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Wu, Yangbiao (School of Mechanical Engineering, Inner Mongolia University of Science and Technology, Baotou; 014010, China); Zhang, Chao; Wang, Jianguo; Xu, Shuai **Source:** *Mechanisms and Machine Science*, v 151 MMS, p 777-783, 2024, *Proceedings of the UNIfied Conference of DAMAS, IncoME and TEPEN Conferences (UNIfied 2023) - Volume 1*
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Kusznierewicz, Z. (Faculty of Mechatronics, Institute of Micromechanics and Photonics, Warsaw University of Technology, ±w. A. Boboli 8, Warsaw; 02-525, Poland); Michalowski, M.; Luczak, S.; Chanko, A.; Samsel, M.; Zarzycki, M.; Barczyk, R.; Kabzinski, B. **Source:** *Acta Physica Polonica A*, v 146, n 4, p 646-649, October 2024
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Kajiwara, Shuhei (University of Toyama, Gofuku 3190, Toyama; 930-8555, Japan); Machino, Sasuga; Kida, Katsuyuki **Source:** *Journal of Physics: Conference Series*, v 2892, n 1, 2024
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Chen, Yuanlong (School of Mechanical Engineering, Hefei University of Technology, Hefei; 230009, China); Wen, Xinyu; Wang, Yuqing; Wu, Muyao; Zhou, Jiarui; Wanyan, Shaoqi **Source:** *Mechanika*, v 30, n 6, p 507-513, 2024
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Guo, Minghui (State Key Laboratory of Intelligent Manufacturing Equipment and Technology, School of Mechanical Science and Engineering, Huazhong University of Science and Technology, Wuhan; 430074, China); Zhang, Guojun; Hu, Haidong; Tian, Zhuxin; Rong, Youmin; Huang, Yu; Wu, Congyi **Source:** *Journal of Tribology*, v 146, n 11, November 1, 2024
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Vehviläinen, Milla (VTT Technical Research Centre of Finland Ltd., P.O. Box 1000, VTT; FI-02044, Finland); Rahkola, Pekka; Keränen, Janne; Halme, Jari; Sopanen, Jussi; Liukkonen, Olli; Holopainen, Antti; Tammi, Kari; Belahcen, Anouar **Source:** *Mechanism and Machine Theory*, v 192, February 2024
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Zhang, Chao (School of Mechanical Engineering, Inner Mongolia University of Science and Technology, Baotou; 014010, China); Wu, Yangbiao; Xu, Shuai; Qin, Feifan; Wu, Le; Ouyang, Bing **Source:** *Journal of Vibroengineering*, v 26, n 4, p 776-792, 2024
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Kumar, Karan K. (Vellore Institute of Technology, Vellore, India); Mandava, Srihari **Source:** *Applied Artificial Intelligence*, v 38, n 1, 2024
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Chen, Dongju (Mechanical Industry Key Laboratory of Heavy Machine Tool Digital Design and Testing, Beijing Key Laboratory of Advanced Manufacturing Technology, College of Mechanical & Energy Engineering, Beijing University of Technology, Beijing, China); Cui, Yu; Sun, Kun; Fan, Jinwei; Cheng, Kai **Source:** *Lubrication Science*, v 36, n 5, p 407-419, August 2024
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Yanqin, Zhang (College of Mechanical Engineering, Nanjing Institute of Technology, Nanjing, China); Ye, Wu; Jiabao, Li; Mulan, Wang; Zhen, Quan **Source:** *Recent Patents on Mechanical Engineering*, v 17, n 4, p 304-311, 2024
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Razavian, Hosein (Mechanical Engineering Department, Bu-Ali Sina University, Iran); Shooshtari, Alireza **Source:** *JVC/Journal of Vibration and Control*, v 30, n 3-4, p 531-544, February 2024
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Gao, Shuai (Tsinghua University, Beijing; 100084, China); Liu, Lanyu; Han, Qinkai **Source:** *Mechanisms and Machine Science*, v 139, p 309-319, 2024, *Proceedings of the 11th IFToMM International Conference on Rotordynamics - Volume 1*
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Wu, Yuhou (School of Mechanical Engineering, Shenyang Jianzhu University, Liaoning, Shenyang; 110168, China); Guo, Jiancheng; Zhang, Xiaochen; Zhou, Peng; Meng, Weiying; Bai, Xu; Lu, He **Source:** *Case Studies in Thermal Engineering*, v 64, December 2024
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Huang, LingFeng (School of Mechanical Engineering and Automation, Shanghai University, Shanghai, China); Zhu, Liming; Yi, Shuxiang; Zhang, Xiaohan; Wang, Xiaojing; Li, Xiangyu **Source:** *Industrial Lubrication and Tribology*, 2024 Article in Press
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Walsh, Natalie F. (Thermal Control Department, The Aerospace Corporation, El Segundo; CA; 90245, United States); Takeuchi, Yoshimi R.; Zhang, Zhuomin M.; McHale, John P. **Source:** *AIAA Aviation Forum and ASCEND, 2024*, 2024, *AIAA Aviation Forum and ASCEND, 2024*
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Fu, Xianpeng (CAS Center for Excellence in Nanoscience, Beijing Key Laboratory of Micro-nano Energy and Sensor, Beijing Institute of Nanoenergy and Nanosystems, Chinese Academy of Sciences, Beijing; 101400, China); Qin, Yuhan; Zhang, Zhi; Liu, Guoxu; Cao, Jie; Fan, Beibei; Wang, Zhaozheng; Wang, Zheng; Zhang, Chi **Source:** *Energy and Environmental Materials*, v 7, n 2, March 2024
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Werner, Michel (RPTU Kaiserslautern Landau, Institute of Machine Elements, Gears and Tribology, Kaiserslautern, Germany); Emrich, Stefan; Koch, Oliver; Sauer, Bernd; Kopnarski, Michael **Source:** *Tribology Transactions*, v 67, n 3, p 401-410, 2024
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Zhao, Lijuan (School of Mechanical Engineering, Ningxia Institute of Science and Technology, Shizuishan, China); Yang, Hexu **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 13081, 2024, *Third International Conference on Advanced Manufacturing Technology and Electronic Information, AMTEI 2023*
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95. A Novel 3d Design of the Hydrodynamic Pocketed Thrust Bearing with Slip Engineered for Eliminating Cavitation

Syafaat, Imam (Department of Mechanical Engineering, Faculty of Engineering, Universitas Wahid Hasyim, Jln. Raya Gunungpati KM. 15, Nongkosawit, Gunungpati, Semarang; 50224, Indonesia); Nugroho, Agung; Sodikin, Muchammad; Hida, Ajib Akmal; Ratnani, Rita Dwi; Setiyana, Budi; Muchammad, Muchammad; Tauviqirrahman, Mohammad **Source:** *SSRN*, August 19, 2024
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Huo, Zhongtang (Mechanical and Electrical College, Handan University, Handan; 056000, China); Chen, Jianqi; Hao, Lingjuan; Gao, Jiansong **Source:** *Journal of Failure Analysis and Prevention*, v 24, n 6, p 2794-2805, December 2024
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Morales-Espejel, Guillermo Enrique (SKF Research and Technology Development, Meidoornkade 14, Houten; 3992 AE, Netherlands); Misiaszek, Matthew; Lengagne, Thomas; Guo, Liang **Source:** *Tribology Online*, v 19, n 6, p 573-583, 2024
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Syafaat, Imam (Department of Mechanical Engineering, Faculty of Engineering, Universitas Wahid Hasyim, Jln. Raya Gunungpati KM. 15, Nongkosawit, Gunungpati, Semarang; 50224, Indonesia); Nugroho, Agung; Sodikin, Muchammad; Hida, Ajib Akmal; Ratnani, Rita Dwi; Setiyana, Budi; Muchammad, Muchammad; Tauviqirrahman, Mohammad **Source:** *Results in Engineering*, v 24, December 2024
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Huang, Chen (College of Mechanical Engineering, Changzhou University, Jiangsu Province, Changzhou, China); Zhang, Yongbin **Source:** *Continuum Mechanics and Thermodynamics*, v 36, n 3, p 445-458, May 2024
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Xie, Bin (School of Mechanical Engineering and Automation, Beihang University, Beijing; 100191, China); Wang, Yanzhong; Zhu, Yunyi; Liu, Peng; Wu, Yu; Lu, Fengxia **Source:** *Reliability Engineering and System Safety*, v 241, January 2024
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Wang, Xinqi (School of Mechanical Engineering, Dalian University of Technology, No. 2, Linggong Road, Ganjingzi District, Liaoning Province, Dalian; 116024, China); Sun, Wei; Wang, Lintao; Liang, Shihu; Chi, Huashan; Yuan, Bo **Source:** *Engineering Failure Analysis*, v 162, August 2024
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Rejith, R. (Bearings and Space Tribology Group, ISRO Inertial Systems Unit, Vattiyoorkavu, Trivandrum; 695013, India); Arivu, Y.; Kesavan, D.; Chakravarthy, P.; Narayana Murty, S.V.S. **Source:** *International Journal of Fatigue*, v 186, September 2024
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Didier, Adrien (INSA Lyon, CNRS, LaMCoS, UMR 5259, Villeurbanne; 69621, France); Naouar, Naim; Deterre, Geoffray; Chaudet, Philippe; Nelias, Daniel **Source:** *Materialia*, v 38, December 2024
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Loaiza, Tania (Department of Materials Science and Engineering, KTH Royal Institute of Technology, Stockholm, SE 100 44, Sweden); Fischer, Tim; Babu, Revathy Prasath; Hedström, Peter **Source:** *Journal of Materials Research and Technology*, v 29, p 4728-4734, March 1, 2024
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Zhao, Yue (School of Mechanical Electronic & Control Engineering, Beijing Jiaotong University, Beijing, China); Wang, Xi; Guo, Rubing; Sun, Shouguang **Source:** *International Journal of Damage Mechanics*, v 33, n 4, p 293-309, April 2024
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Zhao, Yue (School of Mechanical Electronic & Control Engineering, Beijing Jiaotong University, Beijing; 100044, China); Hou, Yu; Wang, Xi; Wei, Jiaqi; Shi, Huailong; Sha, Chengyu; Sun, Shouguang **Source:** *Engineering Failure Analysis*, v 159, May 2024
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He, Haifeng (School of Mechanical and Electrical Engineering, Guizhou Normal University, 550025, China); Chen, Yiming; Jin, Xin; Liu, Heli; Wang, Chunmei **Source:** *International Journal of Fatigue*, v 184, July 2024
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Escalero, Mikel (Ikerlan Technology Research Center, Basque Research and Technology Alliance, Spain); Olave, Mireia; Behnke, Karsten; Muñiz-Calvente, Miguel **Source:** *Journal of Physics: Conference Series*, v 2692, n 1, 2024
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Han, Xinqi (School of Mechanical Engineering and Mechanics, Key Laboratory of Part Rolling of Zhejiang Province, Ningbo; 315211, China); Li, Shuxin; Sun, Chengqi; Lu, Siyuan **Source:** *Engineering Fracture Mechanics*, v 297, February 21, 2024
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Xia, Zhuofan (School of Materials Science and Engineering, University of Science and Technology of China, 72 Wenhua Road, Shenyang; 110016, China); Wu, Di; Zhang, Xiaochen; Wang, Jianqiu; Han, En-Hou **Source:** *International Journal of Fatigue*, v 179, February 2024
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Singh, Kushagra (School of Mechanical Engineering, Purdue University, West Lafayette; IN; 47907, United States); Sadeghi, Farshid **Source:** *International Journal of Mechanical Sciences*, v 264, February 15, 2024
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Zaid, Mael (Airbus Helicopters, Aéroport International Marseille Provence, Marignane; 13700, France); Doquet, Véronique; Chiaruttini, Vincent; Depouhon, Pierre; Bonnand, Vincent; Pacou, Didier **Source:** *International Journal of Fatigue*, v 182, May 2024
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Loaiza, Tania (Dept. of Materials Science and Engineering, KTH Royal Institute of Technology, Stockholm; SE 100 44, Sweden); Ooi, Steve; Babu, Revathy Rajan Prasath; Ölund, Patrik; Hedström, Peter **Source:** *ASTM Special Technical Publication*, v STP 1649, p 525-540, 2024, *Bearing and Transmission Steels Technology*
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Machino, Sasuga (University of Toyama, Gofuku, Toyama; 3190, Japan); Shinkai, Shogo; Matsueda, Takahiro; Mizobe, Koshiro; Kida, Katsuyuki **Source:** *Journal of Physics: Conference Series*, v 2845, n 1, 2024
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Loaiza, Tania (Department of Materials Science and Engineering, KTH Royal Institute of Technology, Stockholm; SE 100 44, Sweden); Ooi, Steve; Yildiz, Ahmet Bahadir; Dahlström, Alexander; Babu, R. Prasath; Hedström, Peter **Source:** *Materials and Design*, v 244, August 2024
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Shao, Ziheng (Institute of Metal Research, Chinese Academy of Sciences, Shenyang; 110016, China); Zhu, Yankun; Zhang, Peng; Cao, Yanfei; Wang, Bin; Xu, Zikuan; Liu, Hanzhong; Gu, Xuezhong; Liu, Hongwei; Li, Dianzhong; Zhang, Zhefeng **Source:** *International Journal of Fatigue*, v 179, February 2024
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117. **Relating Rolling Contact Fatigue Life to the Microstructure Evolution in Cronidur-30 Bearing Steel**

Rejith, R. (Bearings and Space Tribology Group, ISRO, Inertial Systems Unit, Vattiyoorkavu, Trivandrum; 695013, India); Arivu, Y.; Kesavan, D.; Chakravarthy, P.; Narayana Murty, S.V.S. **Source:** *SSRN*, February 18, 2024
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118. **Exploring the ultrahigh rolling contact fatigue life of M50 bearing steel by adjusting the cryogenic sequence** (*Open Access*)

Cai, Xin (Shenyang National Laboratory for Materials Science, Institute of Metal Research, Chinese Academy of Sciences, Shenyang; 110016, China); Hu, Xiaoqiang; Lu, Xingyu; Liu, Hongwei; Cao, Yanfei; Li, Dianzhong **Source:** *Journal of Materials Science and Technology*, v 169, p 243-250, January 10, 2024
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119. **Review of rolling contact fatigue life calculation for oscillating bearings and application-dependent recommendations for use** (*Open Access*)

Menck, Oliver (Fraunhofer Institute for Wind Energy Systems Iwes, Am Schleusengraben 22, Hamburg; 21029, Germany); Stammler, Matthias **Source:** *Wind Energy Science*, v 9, n 4, p 777-798, April 5, 2024
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120. **Extended crack propagation in nitrided and carburised steels subject to rolling contact fatigue**

Lecouffe, A. (INSA Lyon, CNRS, LaMCoS, UMR5259, Villeurbanne; 69621, France); Kleber, X.; Ville, F.; Cavoret, J.; Zamponi, L.; Ruellan, A. **Source:** *Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology*, v 238, n 12, p 1626-1632, December 2024
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121. **Microstructure effects on improving rolling contact fatigue by a double-quenching heat treatment process for GCr15 steel**

Zhang, Wenhu (School of Mechatronics Engineering, Henan University of Science and Technology, Luoyang; 471000, China); Li, Wanjia; Liu, He; He, Tiantian; Deng, Sier; Tian, Heng; Cao, Wenquan **Source:** *Tribology International*, v 194, June 2024
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122. **Rolling Contact Fatigue Life and Categorization of Failure in Experiment of Flat PEEK Race-Alumina Ball Bearings in Water Lubrication under 1700 N at 1000 rpm** (*Open Access*)

Matsubayashi, Soji (University of Toyama, Gofuku, Toyama; 3190, Japan); Kajiwara, Shuhei; Matsueda, Takahiro; Kida, Katsuyuki **Source:** *Journal of Physics: Conference Series*, v 2845, n 1, 2024
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123. **Peridynamic modeling of hydrogen-assisted white etching cracks in bearing steel under rolling contact fatigue** (*Open Access*)

Wang, Lanwen (Department of Mechanical Engineering, Tsinghua University, Beijing; 100084, China); Sheng, Xuanyu; Yao, Zhimeng; Luo, Jianbin **Source:** *International Journal of Fatigue*, v 173, August 2023
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124. **Influence of MnS inclusion characteristics on generation of white etching cracks in 100Cr6 bearing steel**

Kiranbabu, Srikakulapu (Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf; 40237, Germany); Morsdorf, Lutz; Gonzalez, Ivan; Kölling, Michael; Broß, Christian; Ponge, Dirk; Herbig, Michael; Mayweg, David **Source:** *Wear*, v 534-535, December 15, 2023
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Zurcher, Manuel (Friedrich-Alexander-Universitaet Erlangen-Nuernberg (Germany)) **Source:** *ProQuest Dissertations and Theses Global*, 2024
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126. **White etching area damage induced by shear localization in rolling contact fatigue of bearing steel**

Chen, Jin-Hua (School of Mechanical Engineering and Mechanics, Key Laboratory of Impact and Safety Engineering of Ministry of Education Ningbo University, Ningbo, China); Xie, Chao; Li, Shu-Xin; Lu, Si-Yuan **Source:** *Fatigue and Fracture of Engineering Materials and Structures*, v 47, n 1, p 170-186, January 2024
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127. **Influence of additive-derived reaction layers on white etching crack failure of SAE 52100 bearing steel under rolling contact loading**

Steinweg, Florian (Institute for Materials Applications in Mechanical Engineering, RWTH Aachen University, Augustinerbach 4, Aachen; 52062, Germany); Mikitisin, Adrian; Janitzky, Thomas L.M.; Richter, Silvia; Weirich, Thomas E.; Mayer, Joachim; Broeckmann, Christoph **Source:** *Tribology International*, v 180, February 2023
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128. **Microstructure characteristics and formation mechanisms of white etching layer (WEL) and brown etching layer (BEL) on martensite bearing raceway** (*Open Access*)

Zhang, Xiaochen (School of Materials Science and Engineering, University of Science and Technology of China, 72 Wenhua Road, Shenyang; 110016, China); Wu, Di; Xia, Zhuofan; Zhang, Yaming; Li, Yifeng; Wang, Jianqiu; Han, En-Hou **Source:** *Journal of Materials Research and Technology*, v 25, p 4876-4887, July 1, 2023
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129. **Simulation study of Rayleigh wave inspection of subsurface white etching crack in bearing rollers** (*Open Access*)

Wu, Chenchen (School of Mechatronic and Automation Engineering, Shanghai University, Shanghai; 200444, China); Zhu, Qi; Su, Zhan; Xu, Duo; Zhang, Haiyan **Source:** *Journal of Physics: Conference Series*, v 2822, n 1, 2024
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130. **Angular contact ball bearing skidding mechanism analysis and diagnosis considering flexible rotor characteristics**

Ma, Leiming (College of Automation Engineering, Nanjing University of Aeronautics and Astronautics, Nanjing; 210016, China); Jiang, Bin; Lu, Ningyun; Xiao, Lingfei; Guo, Qintao **Source:** *Mechanical Systems and Signal Processing*, v 207, January 15, 2024
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131. **Multiscale modelling and simulation of subsurface carbide deformation during the formation of white etching areas**

Peela, Agastya (Institute for Materials Applications in Mechanical Engineering (IWM), RWTH Aachen University, Augustinerbach 4, Aachen; 52062, Germany); Spille, Joshua; Steinweg, Florian; Janitzky, Thomas; Schwedt, Alexander; Mayer, Joachim; Broeckmann, Christoph **Source:** *Wear*, v 512-513, January 15, 2023
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132. Investigation on skidding behavior of a lubricated rolling bearing with fluid–solid-heat coupling effect

Liu, Yuqing (State Key Laboratory of Rail Transit Vehicle System, Southwest Jiaotong University, Chengdu; 610031, China); Chen, Zaigang; Zhai, Wanming; Lei, Yaguo **Source:** *Mechanical Systems and Signal Processing*, v 206, January 1, 2024
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133. Investigation on Skidding Characteristics and Dynamic Responses of Rolling Element Bearing Under Thermal Elastohyrodynamic Lubrication

Kang, Jianxiong (Lanzhou University of Technology, School of Mechanical & Electrical Engineering, Lanzhou; 730050, China); Luo, Wei; Yan, Changfeng; Liu, Yaofeng; Lü, Yanjun; Wu, Lixiao **Source:** *SSRN*, November 8, 2023
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134. Study of Skidding and Friction Torque for a Deep Groove Ball Bearing in a Permanent Magnet Synchronous Motor

Xu, Yajun (School of Marine Science and Technology, Northwestern Polytechnical University, Xi'an, China); Li, Xinbin; Liu, Jing **Source:** *Lecture Notes in Mechanical Engineering*, p 1797-1806, 2024, *Proceedings of the 2nd International Conference on Mechanical System Dynamics - ICMSD 2023*
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135. Skidding and spinning investigation for dry-lubricated angular contact ball bearing under combined loads (*Open Access*)

Zhao, Yuhao (State Key Laboratory for Manufacturing and Systems Engineering, Xi'an Jiaotong University, Xi'an; 710049, China); Ma, Zikui; Zi, Yanyang **Source:** *Friction*, v 11, n 11, p 1987-2007, November 2023
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136. Effect of dented residual stress on the surface-defect-induced pitting under rolling contact loading of M50 bearing steel

Li, Wanjia (School of Mechatronics Engineering, Harbin Institute of Technology, Heilongjiang, Harbin; 150001, China); Meng, Xiangxu; Shu, Kun; Zheng, Dezhi; Wang, Tingjian; Gu, Le; Wang, Liqin; Zhang, Chuanwei **Source:** *Tribology International*, v 194, June 2024
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137. Influence of White Etching Bands Formation on Integrity of Rolling Element Bearings (*Open Access*)

El Laithy, Mostafa (National Center for Advanced Tribology at Southampton (nCATS), University of Southampton, University Road, Southampton; SO17 1BJ, United Kingdom); Wang, Ling; Harvey, Terry J.; Vierneusel, Bernd **Source:** *Tribology Online*, v 18, n 6, p 373-384, October 31, 2023
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138. Experimental research on heat treatment process and performance of GCr15 steel bearing ring for new energy vehicle drive motor

Yang, Jianxi (College of Sino-German, Taizhou Vocational & Technical College, Zhejiang, Taizhou; 318000, China); Lin, Haibo; Zhang, Hongwei **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 12983, 2024, *Second International Conference on Electrical, Electronics, and Information Engineering, EEIE 2023*
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139. A nonlinear dynamic analysis of skidding behavior in rolling bearings using lubricant traction coefficients and cage flexibility

Atef, Mahmoud M. (Industrial and Manufacturing Engineering Department, School of Innovative Design Engineering, Egypt-Japan University of Science and Technology, New Borg El-Arab City; 21934, Egypt); Khair-Eldeen, Wael; Yan, Jiwang; Nassef, Mohamed G.A. **Source:** *Tribology International*, v 197, September 2024
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140. A study on the three key concepts of White Etching Crack failure mode in its very early stages - Contrast with different testing methods (*Open Access*)

López-Uruñuela, Fernando José (Tekniker, Basque Research and Technology Alliance (BRTA), C/ Iñaki Goenaga, 5, Eibar; 20600, Spain); Wang, Ling; Fernández, Beatriz; Aguirrebeitia, Josu; Pinedo, Bihotz **Source:** *Wear*, v 530-531, October 15, 2023
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141. Characteristics of vibration response of ball bearing with local defect considering skidding

Tian, Yu (School of Mechanical and Electrical Engineering, Lanzhou University of Technology, Lanzhou; 730050, China); Yan, Changfeng; Liu, Yaofeng; Luo, Wei; Kang, Jianxiong; Wang, Zonggang; Wu, Lixiao **Source:** *Journal of Mechanical Science and Technology*, v 37, n 11, p 5695-5711, November 2023
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142. Measurement of Internal Residual Stress of Three-Directional Components and Estimation of Inherent Strain in Carburized Steel for Large Rolling Bearings by Combining the Contour Method and XRD Method (*Open Access*)

Tsutsumi, Masako (Core Technology R&D Center, NSK Ltd., Fujisawa; 251-8501, Japan); Yamagami, Shota; Narasaki, Kunio; Watanuki, Daisuke; Miyamoto, Yuji; Ma, Ninshu **Source:** *Materials Transactions*, v 65, n 9, p 1099-1107, September 1, 2024
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143. Skidding behavior of lubricated rolling element bearings under the influence of oil film and radial clearances (*Open Access*)

Xu, Minmin (School of Mechanical Engineering, Guangxi University, Nanning; 530004, China); Wang, Mingchun; He, Dong; Ding, Xiaoxi; Shao, Yimin; Gu, Fengshou **Source:** *Tribology International*, v 194, June 2024
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144. Roller Bearing Skidding for Aero-Engine Applications: All-Steel Versus Hybrid Bearings

Dadouche, Azzedine (Aerospace Research Centre, National Research Council of Canada, Ottawa; ON; K1A 0R6, Canada); Kerrouche, Rami **Source:** *Journal of Engineering for Gas Turbines and Power*, v 145, n 1, February 1, 2023
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145. Dynamic, thermal, and vibrational analysis of ball bearings with over-skidding behavior (*Open Access*)

Gao, Shuai (Department of Mechanical Engineering, Politecnico di Milano, Via G. La Masa 1, Milan; 20156, Italy); Han, Qinkai; Pennacchi, Paolo; Chatterton, Steven; Chu, Fulei **Source:** *Friction*, v 11, n 4, p 580-601, April 2023
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146. Thoughts on a standardized FE-8 Test for the assessment of the WEC-carrying capacity of lubricants in rolling bearings

Leimann, Dirk-Olaf (Düsseldorfer Straße 4, Moers; 47441, Germany) **Source:** *Tribologie und Schmierungstechnik*, v 71, n 3, p 32-39, 2024
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147. The effect of current and lambda on white-etch-crack failures (*Open Access*)

Demas, Nicholaos G. (Argonne National Laboratory, United States); Lorenzo-Martin, Cinta; Luna, Ryan; Erck, Robert A.; Greco, Aaron C. **Source:** *Tribology International*, v 189, November 2023
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