1. **Numerical modeling and experimental investigation on fatigue failure and contact fatigue life forecasting for 8620H gear**

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
Database: Compendex
Data Provider: Engineering Village
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2. **A comprehensive optimization method for considering the theoretical and practical machining errors to the accurate power skiving of spur face gears by optimizing both cutting edges and tool path** (*Open Access*)

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
Open Access type(s): All Open Access, Gold
Database: Compendex
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3. **A flexible method to correct tooth surface deviation for CNC power skiving of face gears**

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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4. **Development of precision analysis method of tooth profile in gear skiving process with shape projection of removal area**

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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12. Machine learning for monitoring hobbing tool health in CNC hobbing machine (*Open Access*)

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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13. A Mathematical Modeling of Computer Numerical Control Skiving Process for Manufacturing Helical Face Gears Using Sensitivity Matrix Combined With Levenberg-Marquardt Algorithm

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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14. A comprehensive evaluation of DLC coating on gear bending fatigue, contact fatigue, and scuffing performance

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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15. Research on the calculation method of grinding temperature field of spiral bevel gear based on generative machining (*Open Access*)

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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16. Prediction of pose- and position-dependent tool-tip dynamics in high-speed dry gear hobbing

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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17. Multi-physics field coupling interface lubrication contact analysis for gear transmission under various finishing processes

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
Open Access type(s): All Open Access, Gold
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19. **Sustainability-oriented dry cutting tool collaborative optimization model for face-hobbing hypoid gears**

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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20. **Hobbing mechanism of worm gear tooth surface with wave edges of double enveloping toroidal worm gearing** (*Open Access*)

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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21. **Numerical and experimental investigation on temperature field during small-module gear creep feed deep profile grinding**

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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23. **On the grinding temperature field of helical gears: Modeling and experiments**

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
Database: Compendex
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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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27. Dynamic Modeling of Rolling Bearing Outer Ring Failure with Time-Varying Excitation Under Contact Deformation

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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28. Study of Wear in Subminiature Thrust Rolling Bearing (*Open Access*)

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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29. Influence of Wear on Surface Crack Growth of PPS Thrust Bearing in Water Lubrication under 2300 N at 1200 rpm (*Open Access*)

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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30. Optimization of Restrictor Parameters and Static Characteristics Study on Orifice Type Hydrostatic Thrust Bearing (*Open Access*)

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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31. Simulation and Experimental on Thermal Behavior of Hydrostatic Thrust Bearing Based on Superhydrophobic/Oleophobic Surface

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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32. Adapting geometry-based polygonal contacts for simulating faulty rolling bearing dynamics (*Open Access*)

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
Open Access type(s): All Open Access, Hybrid Gold, Green
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33. Dynamic modeling and analysis of rolling bearing faults under time-varying excitations considering defect deformation (*Open Access*)

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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35. Coupling effect of partial composite texture and thermal effect on the performance of hydrostatic bearing

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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39. Vibration properties of full ceramic bearing under elastohydrodynamic fluid lubrication based on the energy approach (*Open Access*)

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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Source: *BSI - Standards*, p 1-4, April 12, 2024
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Status: Active - Definitive
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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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46. 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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66. Microstructural decay of matrix and precipitates during rolling contact fatigue in a martensitic dual-hardening bearing steel (*Open Access*)

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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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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