

Publication list

Prof. Dr. Ulrich Werner

Technische Hochschule Nürnberg Georg Simon Ohm

Nuremberg, Germany

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Journals:

- U. Werner, R. Wachter, Reduzierte Schwingungen – Entkoppelte Antriebe machen Schluss mit dem Drehzahlsperrbereich, SPS-Magazin 7, Juli 2025, https://www.researchgate.net/publication/393785750_Reduzierte_Schwingungen_-_Entkoppelte_Antriebe_machen_Schluss_mit_dem_Drehzahlsperrbereich
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- U. Werner, Vibration control of soft mounted induction motors with sleeve bearings using active motor foot mounts: a theoretical analysis. *Archive of Applied Mechanics*, 2018, <https://doi.org/10.1007/s00419-018-1393-7>
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- U. Werner, Influence of the Foundation on the Threshold of Stability for Rotating Machines with Roller Bearings – A Theoretical Analysis. *JAMP-Journal of Applied Mathematics and Physics*, 5, 1380-1397, 2017, <https://doi.org/10.4236/jamp.2017.56114>
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- U. Werner, Influence of electromagnetic field damping on forced vibrations of induction rotors caused by dynamic rotor eccentricity, *ZAMM- Zeitschrift für angewandte Mathematik und Mechanik/ Journal of Applied Mathematics and Mechanics*, WILEY-VCH, 2016, <https://doi.org/10.1002/zamm.201500285>
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- U. Werner, Active vibration control of an induction motor with sleeve bearings and electrodynamic actuators between motor feet and steel frame foundation regarding electromagnetic excitation, *XIVth International Conference on Recent Advances in Structural Dynamics (RASD)*, Southampton, UK, 1-3. July 2024, <https://iopscience.iop.org/article/10.1088/1742-6596/2909/1/012001>
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 - M. Al Nahlaoui, S. Kulig, U. Werner, Electromechanical Forces and Vibration of an Asynchronous Machine for Sinusoidal and Inverter Currents, *12th Portuguese-Spanish Conference on Electrical Engineering*, Ponta Delgada – Açores, Portugal, 30 June - 2 July, 2011, https://www.researchgate.net/publication/306082857_Electromechanical_Forces_and_Vibration_of_an_Asynchronous_Machine_for_Sinusoidal_and_Inverter_Currents
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- U. Werner, Einsatz von hydrodynamischen Gleitlagern bei schnelllaufenden Asynchronmaschinen hinsichtlich Rotordynamik, *Gleit- und Wälzlagerung*, Wiesloch, Germany, 9-10 June, 2009, pp. 125-13, ISBN 978-3-18-092069-6, 2009, https://www.researchgate.net/publication/306082779_Einsatz_von_hydrodynamischen_Gleitlagern_bei_schnelllaufenden_Asynchronmaschinen_hinsichtlich_Rotordynamik
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- U. Werner, A Plane Vibration Model for Natural Vibration Analysis of Soft Mounted Electrical Machines, book chapter in *Advances in Vibration Analysis Research*, INTECH, ISBN 978-953-307-209-8, 2011, <https://www.intechopen.com/chapters/14663>

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