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Fault Diagnosis and Vibration Signal Processing in Rotor Systems

Guest Editors:	Message from the Guest Editors
Dr. Yongfeng Yang	Dear Colleagues,
Prof. Dr. Jin Zhou	Rotor systems are kernel components of rotating
Prof. Dr. Rafael Morales	machinery and are applied in most industrial fields, such as aero-engines, gas turbines, steam turbines, generators,
Dr. Alexandre Presas	electric motors, and mechanical manufacturing. Vibration
Dr. Saleh Mobayen	is integral to these rotating systems, especially in high- speed rotating systems, and the almost all the faults may show special characteristic compared with regular work.
Deadline for manuscript submissions: 25 September 2024	The aim of this Special Issue is to compile original research and review articles on the topics of fault diagnosis and related vibration signal processing. Topics of interest in this session include, but are not limited to

- Vbiration of wind power system with faults
- Dynamic modeling of rotor systems
- Improvement of theoretical methods rotor systems
- Simulation methods for rotor systems
- Vibration and stability control of rotor systems
- Intelligent sensing and signal analysis for rotor systems
- Intellignet fault diagnosis for rotor systems
- Rotor systems with magnetic bearings





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Editor-in-Chief

Message from the Editor-in-Chief

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