Special Issue

Electromechanical Equipment Structure and Fatigue Reliability: Advances in Modeling and Testing

Message from the Guest Editors

As the demand for the reliability of electromechanical equipment such as aircraft, industrial robots, and high-speed trains increases, computer-aided modeling and testing have become extremely significant. With the help of advanced modeling/testing techniques and mathematical approaches/tools, currently, research interest is being directed towards new techniques to discover and understand the structure and fatigue reliability of electromechanical equipment. Specifically, failure occurs under the influence of multi-sources of uncertainty, including load variations in usage, material properties, geometry variations within tolerances, and other uncontrolled variations. Thus, advanced methods and applications for modeling and testing contributions that address these issues on structure and fatigue reliability of electromechanical equipment are desired and expected.

This Special Issue aims to invite authors to submit full-length papers with original theoretical, numerical or experimental research contributions and innovative concepts that address all aspects of structure and fatigue reliability for electromechanical equipment.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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