

Special Issue

Fault Diagnosis and Intelligent Control Applications in Fluid Power System

Message from the Guest Editors

Fluid power systems (FPSs) have both typical hydraulic and pneumatic driving systems, which represent fluid power generation, control, and transmission. FPSs are widely used in different fields, such as engineering machinery, energy development, robotics, aircraft, and other advanced manufacturing and interdisciplinary fields. With the development of advanced design and manufacturing technology, more requirements and challenges have been put forward to FPSs. To improve system reliability, security, and performance, some focused problems should be addressed, such as element diagnosis, uncertainty, external load, disturbance, and noise in FPSs. Hence, many technologies are presented to solve these problems, including but not limited to fault diagnosis, intelligent control, advanced detection technique, energy saving, environmental protection, and advanced applications. This Special Issue focuses on new developments of fault diagnosis and intelligent control applications in FPSs. This is a worldwide platform to share the latest achievements and valuable ideas.

Guest Editors

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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