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Fatigue Life under Multiaxial Load Conditions

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Message from the Guest Editor

The proper estimation of the fatigue life of facilities is a very important problem of modern technology, and incorrect assessments can be the cause of disasters.

Along with the evolution of the knowledge on fatigue, new approaches to predicting fatigue strength and durability have emerged. Despite the constantly growing number of papers and the growing interest of researchers in this issue, so far it has not been possible to develop a clear and effective method of estimating the period of safe operation of elements, systems, and whole devices and structures.

Fatigue is a multifaceted process and fatigue failure is dependent on several factors, including material type and condition, component geometry, load type, and stress state. Each of these factors may be the main subject of discussion of the presented articles.

For more information please click on the following link:

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Message from the Editor-in-Chief

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