



Friction and Wear of Materials Surfaces

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Message from the Guest Editor

The surface topography is one of the most important factors determining the quality of a surface layer. It defines a set of all overlapping irregularities of surface resulting from the machining processes and wear of materials.

A number of scientists studied the effect of surface topography and materials properties on the tribological performance of sliding elements. However accessible papers contain ambiguous and sometimes contradictory opinions about connections between values of surface topography parameters, materials properties and various tribological properties of sliding pairs. In addition a continuous development of measuring equipment makes possible more precision measurement and as a consequence makes possible extended analysis of phenomena taking part on surfaces in frictional contact.

Therefore the aim of this special issue is to collect high-quality research papers that focus on friction and wear of materials surfaces.





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Message from the Editor-in-Chief

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