



New Advances and Applications in Statistical Quality Control

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Message from the Guest Editors

Dear Colleagues,

Statistical Quality Control (SQC) consists of methods that probably belong to the set of statistical tools which are the most frequently used in practice. For many years the main aim of research in this area was to propose simple and practical tools, applicable in many areas by users having limited statistical knowledge. Therefore, the proposed procedures have been obtained using many simplifying assumptions that have limited the area of their possible applications. In recent years methods of SQC have been implemented in new areas of applications, such as banking, health services, etc. In these new areas, many simplifying assumptions of the classical SQC are not valid anymore. Therefore, new methods, relying on advanced methods of mathematical statistics, data mining (including information symmetry), multivariate symmetry and asymmetry, and intelligent computation methods have been proposed recently. For the planned Special Issue of Symmetry...





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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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