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Electromagnetic Emissions as a Source of Risk for Information Safety

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Message from the Guest Editors

Dear Colleagues,

A protection of information in times of widespread use of electronic devices is a huge challenge. An important phenomenon accompanying the operation of data processing devices is a formation of an electromagnetic field. This field may have features correlated with electrical signals which are the form of processed information. A reception and a recording of such electromagnetic emissions may allow the recovery of sensitive data. This phenomenon may concern a wide range of electronic devices that the use may determine our information and health security.

This special issue is dedicated to the presentation of various issues that affect the extension of areas of information security in aspect of possibilities using of valuable emissions in electromagnetic penetration process.

We would like to invite you to present novel research and obtained results in the area of protection of information against electromagnetic penetration.