

Документы

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Manipulating the rotation of Ms excel cells to hide information

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Краткое описание

Digital steganography is based on hiding or embedding additional information in digital objects, while causing some distortion of these objects. In this case, an object or container can be used image, audio, video, network packets, etc. To embed a secret message, steganographic methods rely on redundant container information or properties that the human perception system cannot distinguish. Recently there have been a lot of publications in the field of hiding information in a text container and very few publications related to the MS Excel document type container. In many organizations, along with text documents, tabular data is widely used. Based on this, here the MS Excel document is considered as a data carrier. MS Excel documents have different parameters that are not typical for text documents. By changing these parameters or doing manipulation with these properties it is possible to achieve the introduction of data. In this article, we present steganography using cell rotation, which are invisible attributes of cells in the MS Excel table processor. © 2020 SERSC.

Ключевые слова автора

Digital steganography; Information hiding; MS Excel; Rotation; Steganography

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