**Steganography Mobile Application**

RADU ȘTEFAN IONESCU

Departments (10pt Verdana, centered, comma separated)

Bucharest University of Economic Studies

ROMANIA

E-mail: ionescu.radu.18@gmail.com

*Abstract:* This is a sample of the format of your full paper. Use Word for Windows (Microsoft) (or equivalent Word Processor with exactly the same "printing results") using A4 mirroring page by tuning -3.56 cm for inside and -3.13 cm for outside in the Microsoft Word package. Use for the top use -2.54 cm, for the bottom -7.35cm and for the gutter 0cm. Please use single space for paragraphs. Use double-column format after the *Key-Words*. Please use Arial font with 10pt size for text and for abstract use Arial font with 9pt size. For the words *Abstract, Key-Words* and *References* use Italics.

*Key-Words:* image steganography, audio steganography, digital steganography, data hiding, steganalysis

**1 Introduction**

As you can see for the title of the paper you must use 14pt, Centered, Bold, Tahoma font. Leave one blank line (Verdana 10pt) and then type AUTHORS' NAMES (in Capital, 10pt Verdana, centered); Departments (10pt Verdana, centered, comma separated); Universities (10pt Verdana, centered, comma separated); Addresses (10pt Verdana, centered, comma separated); COUNTRIES (Capital, 10pt Verdana, centered, comma separated); E-mails: youremailaccount @yy.xx (10pt Verdana, centered, comma separated); http://www.yourwebaddress.xx (10pt Verdana, centered, comma separated). The heading of each section should be printed, 10pt, left justified, bold, Arial. The normal text is Arial justified, 10pt.

You must use numbers 1, 2, 3, … for the sections' numbering and not Latin numbering (I, II, III, …).

**2 Problem Formulation**

Please, leave one blank line before and after the section heading.

Mathematical Equations must be numbered as follows: (1), (2), …, (99) and not (1.1), (1.2),…, (2.1), (2.2),… depending on your various Sections. Each column has 6.9 cm and 0.5 cm between them.

***2.1 Subsection***

When including a subsection you must use, for its heading, 10pt, left justified, bold, italic Arial as here.

**2.1.1 Sub-subsection**

When including a sub-subsection you must use, for its heading, 10pt, left justified, bold, italic, Arial as here.

**3 Problem Solution**

Figures and Tables should be numbered as follows: Figure 1, Figure 2, … etc Table 1, Table 2, ….etc.

If your paper deviates significantly from these specifications, our Publishing House may not be able to include your paper in the Proceedings. When there are citing references in the text of the abstract, type the corresponding number in square brackets as shown at the end of this sentence [1]. The pictures have the column width. If it is impossible to have the pictures with column width, please use one column paragraph only for the figure section.

**4 Conclusion**

P [1]lease, follow our instructions faithfully; otherwise you have to resubmit your full paper. This will enable us to maintain uniformity in the conference proceedings as well as in the post-conference books and journal. Thank you for your cooperation and contribution. We are looking forward to seeing you at the Conference.

# *References:*

|  |  |
| --- | --- |
| [1] | “Steganography,” [Online]. Available: https://en.wikipedia.org/wiki/Steganography. [Accessed 9 March 2020]. |
| [2] | M. ZAMANI, A. MANAF, R. AHMAD, F. JARYANI, H. TAHERDOOST and A. M. ZEKI, "A Secure Audio Steganography Approach," *International Conference for Internet Technology and Secured Transactions,* 2009. |
| [3] | M. S. SHAHREZA, "Stealth Steganography in SMS," *International Conference on Wireless and Optical Communications Networks,* 2006. |
| [4] | P. POCATILU, I. IVAN, A. VIȘOIU, F. ALECU, A. ZAMFIROIU and B. IANCU, Programarea Aplicațiilor Android, Bucharest: Editura ASE, 2015. |
| [5] | M. S. MEGHA, "Methods of Audio Steganography," *International Journal of Engineering and Management Research,* vol. 4, no. 3, pp. 154-156, 2014. |
| [6] | C. MAITI, D. BAKSI, I. ZAMIDER, P. GORAI and D. R. KISKU, "Data Hiding in Images Using Some Efficient Steganography Techniques," *Communications in Computer and Information Science,* vol. 260, pp. 1-9, 2011. |
| [7] | N. F. JOHNSON, Z. DURIC and S. JAJODIA, Information Hiding: Steganography and Watermarking - Attacks and Countermeasures, Boston, MA: Springer, 2001. |
| [8] | N. HAMID, A. YAHYA, B. AHMAD and O. M. AL-QERSHI, "Image Steganography Techniques: An Overview," *International Journal of Computer Science and Security,* vol. 6, no. 3, pp. 168-187, 2012. |
| [9] | R. CHANDRAMOULI and N. MEMON, "Analysis of LSB based image steganography techniques," *Proceedings 2001 International Conference on Image Processing,* vol. 3, pp. 1019-1022, 2001. |
| [10] | R. G. BALDWIN, "Steganography 101 using Java," [Online]. Available: https://www.developer.com/java/ent/article.php/10933\_3530866\_2/Steganography-101-using-Java.htm. [Accessed 12 March 2020]. |
| [11] | R. G. BALDWIN, "Processing Image Pixels Using Java: Controlling Contrast and Brightness," [Online]. Available: https://www.developer.com/java/other/article.php/3441391. [Accessed 12 March 2020]. |
| [12] | R. G. BALDWIN, "Processing Image Pixels using Java, Getting Started," [Online]. Available: https://www.developer.com/java/other/article.php/3403921. [Accessed 12 March 2020]. |
| [13] | S. K. ARORA, "Audio Steganography : The art of hiding secrets within earshot (part 2 of 2)," [Online]. Available: https://medium.com/@sumit.arora/audio-steganography-the-art-of-hiding-secrets-within-earshot-part-2-of-2-c76b1be719b3. [Accessed 11 March 2020]. |
| [14] | S. K. ARORA, "Audio Steganography : The art of hiding secrets within earshot (part 1 of 2)," [Online]. Available: https://medium.com/@sumit.arora/audio-steganography-the-art-of-hiding-secrets-within-earshot-part-1-of-2-6a3bbd706e15. [Accessed 11 March 2020]. |
| [15] | "Documentation | Android Developers," [Online]. Available: https://developer.android.com/docs. [Accessed 10 March 2020]. |