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Exploit Kashida Adding to Arabic e-Text for High Capacity Steganography

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Abstract—Steganography is the ability to hide information in a cover media such as text, and pictures. An improved approach is proposed to embed secret into Arabic text cover media using Kashida, an Arabic extension character. The proposed approach is maximizing the use of Kashida to hide more information, represented in binary bits, in Arabic text cover media. A stego system has been developed based on this approach. After sufficient testing and evaluation, our system shows promising performance in terms of capacity.

Keywords—*text steganography, text watermarking, text hiding, Arabic text, maximizing capacity, Kashida*