## **Abstract**

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A Survey of Different Methods of Linguistic Transformation for Steganography

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2014

This research is a survey of stegosystems based on different methods of linguistic transformation, with meaning preservation as the main concern. By discussing and comparing different systems, it is concluded that stegosystems based on shallow techniques and syntactic transformations perform better than systems based on deep parsing techniques and semantic transformation, but as NLP techniques develop, stegosystems based on semantic transformations will also have a bright future as they are capable of high payload capacity. Humans are the best way to evaluate a stegosystem in terms of its ability in preserving meaning. A common framework or benchmarks for evaluating linguistic steganography in terms of meaning preservation are needed.