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An Intelligent System for Spam Detection and Identification of the most Relevant Features based on Evolutionary Random Weight Networks

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Highlights

- In this paper, an evolvable and adaptable spam detection models is proposed
- The proposed system is based on Genetic Algorithm (GA) and Random Weight Network (RWN)
- An automatic discovery of the most suitable features of the Spam emails is embedded in the system
- Extensive experiments based on three email corpora were conducted to evaluate the proposed system
- A superior performance of the proposed approaches is proved in the experiments.

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