



Phishing URL Detection using Cuckoo Search Optimized Neural Network Classifier

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Abstract –This paper aims to collect, map and model elements that will lead to the finding of phishing URL automatically, for this purpose data mining is used as basic tools, in this sense, it is considered that the existing patterns in a URL make it possible to distinguish the legitimate link for pages, the identification of these patterns will serve to model a successful classification method, for this purpose, the attributes found in the database "phishing web" that correspond to patterns of phishing pages will be validated, at the same time will be evaluated algorithms extracted from the literature that allow a better classification of records, finally, a model with the highest precision results is delivered which consists of cuckoo search optimized neural network classifier.

Keywords – Cuckoo Search Optimization, Neural Network, Phishing, URL.