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# Network security using multi-layer neural network 🛒

P. Vijayakumar ✉ ; C. A. Sathiya Moorthy; Makarand Upadhyaya;
Pankaj Dadheech; T. Yuvaraj; Pravin R. Kshirsagar

**T. Yuvaraj**

[5]Department of Electrical and Electronics
Engineering, Saveetha School of Engineering,
Chennai, India

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With comp                                    ecade,
computer :                                   cent years
various so                                   systems
have been proposed. This paper provides an optimization
method for the visualization of and classification of intrusions
based on Self Organizing Maps (SOM) and the Back
Propagation Network (BPN). The performance is tested using the
99 Data from KDD Cup accessible in the UCI KDD file. This type
of IDS system is used to detect and react to malicious public
transport in extreme precision.

Topics

**Telecommunication networks**, **Software engineering**,
**Computer systems**, **Artificial neural networks**

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