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(57) Abstract :
ABSTRACT A SYSTEM FOR DETECTION OF DDOS ATTACK IN NETWORKS USING BPSO- RBFSVM [053] The present invention discloses a system for detection of Distributed Denial of Service Attack (DDoS) in networks using Binary Particle Swarm Optimization Particle Swarm Optimization radial basis function Support Vector Machine (BPSO- RBFSVM) based architecture. The system includes, but not limited to, a detection engine to analyse traffic for an attacked data packet & normal packet in conjunction with a classifier unit; at least one processing unit provided with a computation server for identification of one or more accurate data packet function for applying Particle Swarm Optimization (PSO) to achieve high accuracy while using Binary Particle Swarm Optimization Particle Swarm Optimization (BPSO) along with a Radial Basis Function Support Vector Machine (RBFSVM). Accompanied Drawing [FIG. 1]

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