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Paper Title: Camouflage Worm Detection and Counter-Measures

Abstract: This research focuses special attention on a new class of worms called Camouflaging worm (C-Worm). The key difference between C-Worm and traditional worms is that, it displays the ability to intelligently analyse and make changes to its scan traffic volume over time. This new class of active worms is an attack that spread itself on the internet by exploiting vulnerabilities on computer systems.

Keywords: C-Worm, Camouflaging, traditional, vulnerabilities.

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Paper Title: Influence of a Wind Farm on Power System Oscillatory Stability

Abstract: This paper deals with the influence of wind turbine generators on oscillatory stability. Examining low-frequency oscillatory stability is important for understanding the weakest mode that leads to oscillatory problems. The performance of these types of wind generators, the doubly fed induction generator, the squirrel cage induction generator, and the permanent magnet synchronous generator, when connected to a grid was examined. Eigenvalue analysis and time-domain analysis helped to identify oscillatory instability problems in the wind farm. Moreover, the advantages of a high voltage direct current link (HVDC) for improving instability issues was studied. The simulation results show the significance of the DC link in improving the stability of the system by isolating the wind farm at the point of common couple from a fault event. The simulation software tool DiGILENT PowerFactory was used for all modelling of wind farms, HVDC, and the IEEE 14-bus test system.

Keywords: Wind Turbine Generators, Oscillatory Stability, DFIG, PMSG, SCIG, HVDC, IEEE 14-bus test system, Eigenvalue analysis, DiGILENT PowerFactory.

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This paper introduces Internet of Things (IoTs), which offers capabilities to identify, share information and connect worldwide physical objects into a single system. In this research work, we will discuss how we can connect various objects in a better way and what are the basic requirements and functions to make them communicate and consequently make this world unified. This survey summarizes the easiest and most feasible way of connecting various objects of IoT and it also discusses about a prototype for smart parking area application of IoT. In this prototype we have used a microcontroller to handle all the devices. Security is also added to this model using scanners and fingerprint detectors.

**Keywords:** Internet of Things (IoT), Parking, Security, Addressability.

**References:**


**Authors:** Sonali Sharma, Chhatarpal, Ramanand Harijan

**Paper Title:** Survey on Internet of Things and Design for a Smart Parking Area

**Abstract:** This paper introduces Internet of Things (IoTs), which offers capabilities to identify, share information and connect worldwide physical objects into a single system. In this research work, we will discuss how we can connect various objects in a better way and what are the basic requirements and functions to make them communicate and consequently make this world unified. This survey summarizes the easiest and most feasible way of connecting various objects of IoT and it also discusses about a prototype for smart parking area application of IoT. In this prototype we have used a microcontroller to handle all the devices. Security is also added to this model using scanners and fingerprint detectors.