

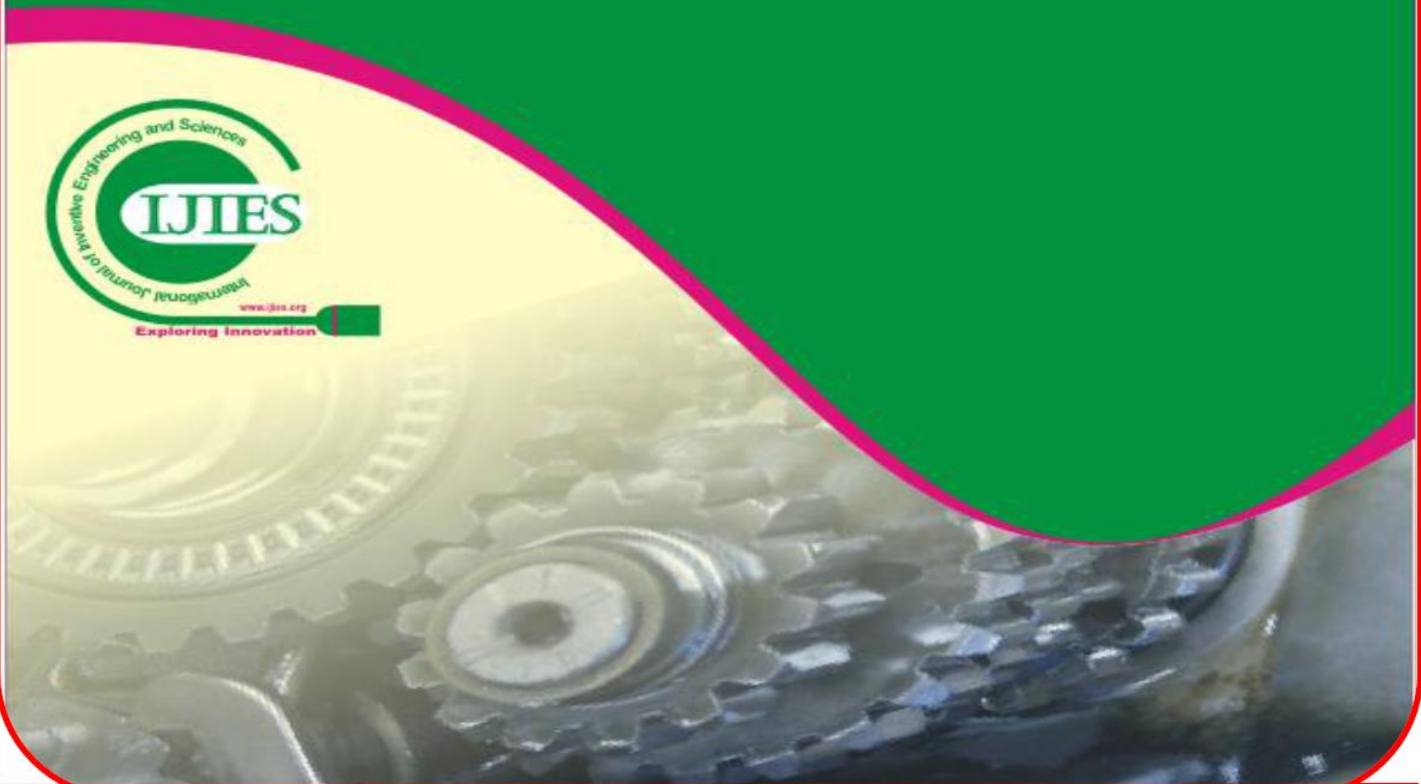
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	<p>Abstract: This research focuses special attention on a new class of worms called Camouflaging worm (C-Worm). The key difference between C-Worm and traditional worms is that, it displays the ability to intelligently analyse and make changes to its 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.</p> <p>Keywords: C-Worm, Camouflaging, traditional, vulnerabilities.</p> <p>References:</p> <ol style="list-style-type: none"> Cheetancheri, S. G., Agosta, J. M., Dash, D. H., Levitt, K. N., Rowe, J., & Schooler, E. M. (2006). A distributed host-based worm detection system. <i>LSAD '06 Proceedings of the 2006 SIGCOMM workshop on Large-scale attack defense</i> (pp. 107-113). ACM. Chen, Z., Gao, L., & Ji, C. (2003). On Effectiveness of defense systems against active worms. Gu, G., Sharif, M., Qin, X., Dagon, D., Lee, W., & Riley, G. (2004). Worm detection, early warning and response based on local victim information. <i>20 th Annual Computer Security Applications Conference</i>. M.A.BASEER, M., NARAYANA, M. P., & LAHANE, M. S. (2013). Modeling and Detection of Camouflaging Worm. <i>INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGIES, VOL. 01, ISSUE 02, 99-104</i>. Retrieved 12 2013 M.K, P. C., & P.V, M. (2012). Modelling and Detection of Camouflaging Worms. <i>International Journal of Emerging Technology and Advanced Engineering, 2-3</i>. Retrieved 12 2013 Madhusudan, B., & Lockwood, J. (2004). Design of a System for Real-Time Worm Detection. <i>HOTI 12</i>. Pele Li Mehdi Salour, X. S. (2008). Survey of Internet Worm Detection and Containment. <i>IEEE Communications Surveys</i>. Saudi, M. M., Seman, K., Tamil, E. M., Yamani, M., Idris, I., & Visualization, A. (2008). Worm Analysis through Computer Simulation (WAtCoS). <i>Proceedings of the World Congress in Engineering 2008, 1</i>. Singh, S., Estan, C., Varghese, G., & Savage, S. (2003). The EarlyBird System for Real-time Detection of Unknown Worms. <i>Technical Report CS2003-0761. University of California, San Diego</i>. Talli, P., & Krishna, M. V. (2012). Detection of Active Internet Worm: Camouflaging Worm. <i>International Journal of Electronics Communication and Computer Engineering, 3(5), 1172-1175</i>. Retrieved 12 2013 Venkataraman, S., Song, D., Gibbons, P. B., & Blum, A. (2004). New Streaming Algorithms for Fast Detection of Superspreaders. <i>Intel Corporation</i>. Retrieved 1 2014 Wang, X., Yu, W., Champion, A., Fu, X., & Xuan, D. (2007). Detecting Worms via Mining Dynamic Program Execution. <i>Third International Conference on Security and Privacy in Communication Networks and the Workshops, SecureComm 2007, (pp. 412-421). Nice, France</i>. Wu, J., Vangala, S., Gao, L., & Kwiat, K. (2004). An Effective Architecture and Algorithm for Detecting Worms with Various Scan Techniques. <i>11th Annual Network and Distributed System Security Symposium (NDSS '04)</i>. Yi, B. k. (2006). <i>Digital Signatures</i>. Yu, W., Wang, X., Calyam, P., Xuan, D., & Zhao, W. (2011). Modeling and Detection of Camouflaging Worm. <i>IEEE TRANSACTIONS ON DEPENDABLE AND SECURE COMPUTING, VOL., 1-3</i>. Retrieved 12 29, 2013 Yu, W., Wang, X., PrasadCalyam, Xuan, D., & Zhao, W. (n.d.). On Detecting Camouflaging Worm. Yu, W., Wang, X., Xuan, D., & Lee, D. (2006). Effective Detection of Active Worms with Varying Scan Rate. <i>IEEE International Conference on Security and Privacy in Communication Networks (SecureComm)</i>. 			1-4
2.	Authors:	Omar AL-Masari, Musa AL-Masari		
	Paper Title:	Influence of a Wind Farm on Power System Oscillatory Stability		
	<p>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 three 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 DIgSILENT PowerFactory was used for all modelling of wind farms, HVDC, and the IEEE 14-bus test system.</p> <p>Keywords: Wind Turbine Generators, Oscillatory Stability, DFIG, PMSG, SCIG, HVDC, IEEE 14-bus test system, Eigenvalue analysis, DIgSILENT PowerFactory.</p> <p>References:</p> <ol style="list-style-type: none"> K. R. Steve Sawyer, "Global Wind Report," belgium 2010. K. R. Steve Sawyer, "Global Wind energy Outlook 2010," belgium 2010. S. Heier, <i>Grid Integration of Wind Energy Conversion System</i>, 1998. D. Thakur and N. Mithulananthan, "Influence of Constant Speed Wind Turbine Generator on Power System Oscillation," <i>Electric Power Components and Systems</i>, vol. 37, pp. 478-494, 2009. G. Rogers, <i>power system Oscillations: Kluwer Academic Publishers</i>, 2000. P. W. Sauer, <i>Power System Dynamics and Stability: Prentice-Hall, Inc.</i>, 1998. P. Kundur, <i>Power System Stability and Control</i>. New York: McGraw-Hill, Inc., 1994. O. A. Almasari, "Low Frequency Oscillatory Stability Study of Power System with Wind Farms," Master Degree, School of Information Technology and Electrical Engineering, The University of Queensland, Brisbane, 2011. W. Chen, S. Libao, W. Liming, and N. Yixin, "Small signal stability analysis considering grid-connected wind farms of DFIG type," in <i>Power and Energy Society General Meeting - Conversion and Delivery of Electrical Energy in the 21st Century</i>, 2008 IEEE, 2008, pp. 1-6. A. F. Snyder, "Inter-Area Oscillation Damping with Power System Stabilizers and synchronized Phasor Measurements," Master thesis, Electrical Engineering, Virginia Polytechnic Institute and State University, 1997. F. J. Swift and H. F. Wang, "The connection between modal analysis and electric torque analysis in studying the oscillation stability of multi-machine power systems," <i>International Journal of Electrical Power & Energy Systems</i>, vol. 19, pp. 321-330, Jun 1997. J. G. Slootweg and W. L. Kling, "The impact of large scale wind power generation on power system oscillations," <i>Electric Power Systems</i> 			5-10

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

Abstract: This paper introduces Internet of Things (IoT), 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 discuss 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 finger print detectors.

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

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