**الاسم على الكوكل سكولر**

|  |
| --- |
| Alaa Mohammed Abdul-Hadi |

|  |
| --- |
| ▼ الاتجاهات البحثيةInformation Technology, Computer Security |

|  |
| --- |
| ▼ الدرجة العلميةاستاذ مساعد |
| ▼ الكتب والمؤلفات* Gorbenko A., Kharchenko V., Abdul-Hadi A. M. Evaluation of dependability concept: Moving toward resilient and self-evolvable IT systems. In Proc. of the first international workshop on Critical Infrastructure Safety and Security (CrISS-DESSERT'11), – 2011. – Vol.2. – pp.344-349.

• Kharchenko V., Abdul-Hadi A. M. The influence of intensity of prophylactic maintenance on the readiness of automated security systems. Radioelectronic and computer systems, 2012, 7 (59). PP.24-29. • Kharchenko V., Abdul-Hadi A. M. Modeling sequential tests of serial product reliability. (I. Organization of sequential test). Information processing systems. 8(115). PP.240-243. 2013. • Kharchenko V., Abdul-Hadi A. M. Modeling sequential tests of serial product reliability. (II. Comparative analysis of sequential tests with the traditional method based on the single test). Information processing systems. 2(109). PP. 2-5. 2013. • Abdul-Hadi, A. M. , Ponochovny, Y., Kharchenko, V.: Development of basic Markov model for research of commercial web services availability. Radioelecronic and computer systems 5(64), 186-191 (2013). • Gorbenko, A., Tarasyuk, o., Kharchenko, V., Abdul-Hadi, A.M. Estimating throughput unfairness in a mixed data-rate wi-fi environment. In Proc. 2013 of the IEEE International conference on digital technologies (DT) 2013. PP 181-184. • Abdul-Hadi, A. M. Network dependability assessment using combination of models. 6th international conference on Dependable Systems, Services, and Technologies (DESSERT'12), – 2012. • Abdul-Hadi, A. M. Quantitative model-based evaluation of computer network dependability. Scientific and technical conference «Integrated computer technologies of the engineering industry» IKTM 2012 • Abdul-Hadi, A. M. Availability model of network based systems: security issue. International scientific and technical conference «Dependable Systems, Services and Technologies» Dessert 2013 • Abdul-Hadi, A. M. Markovian chain - based network availability analysis considering security issues. Scientific and technical conference «Integrated computer technologies of the engineering industry» IKTM 2013. • Kharchenko, V., Boyarchuk, A., Abdul-Hadi, A. M. , Ponochovny, Y.,.: Web system availability assessment considering attacks on service configuration vulnerabilities. In the Proceedings 2014 of the ninth Springer international conference on dependability and complex systems DepCoS-RELCOMEX. Advances in intelligent systems and computing. Volume 286, 2014, pp 275-284. • Alaa M. Abdul-Hadi, Abdullah M. Zyara, Haider M. Abdul-Hadi: Software based Method to Specify the Extreme Learning Machine Network Architecture Targeting Hardware Platforms. International Journal of Computer Applications, Volume 138 – No.7, March 2016, pp 49-53. 7-7 • Marwa Q. Abbas, Alaa M. Abdul-Hadi, Design and Implementation of Input/Output Port Blocker System to Thwart Input/Output Attacks. Journal of Engineering and Applied Sciences. 14(19), 2019, pp 7098-7104. • Alaa M.Abdul-Hadi, Sadiq H. Abdulhussain, , On the computational aspects of Charlier polynomials, Cogent Engineering, 7 (1), 1-21, 2020. • Basheera M. Mahmmod, Alaa M.Abdul-Hadi, Sadiq H. Abdulhussain, Aseel Hussien, On computational aspects of Krawtchouk polynomials for high orders, Journal of Imaging 6 (8), 81, 2020. • Firas.Gh.Tawfeeq, Alaa M.Abdul-Hadi, Improved throughput of Elliptic Curve Digital Signature Algorithm (ECDSA) processor implementation over Koblitz curve k-163 on Field Programmable Gate Array (FPGA), Baghdad Science Journal 17 (3), 1040 -1029, 2020. • Performance Evaluation of Scalar Multiplication in Elliptic Curve Cryptography Implementation using Different Multipliers Over Binary Field, Journal of Engineering 26 (9), 45–64, 2020. * Alaa M.Abdul-Hadi, et al. Performance evaluation of frequency division duplex (FDD) massive multiple input multiple output (MIMO) under different correlation models,[PeerJ Computer Science](https://peerj.com/computer-science/),  8(1), 2022.
 |
| ▼ رسائل الماجستير الذي اشرف عليها* Design and Implementation of Input/Output Port Blocker System to Thwart USB Attacks
* FPGA Implementation of Elliptic Curve Digital Signature Scheme
 |
| ▼ اطاريح الدكتوراه الذي اشرف عليها* N/A
 |