

Biography

Name: Hala Bahjat Abdul Wahab

Date and Place of Birth: Jun.28 . 1969, Basrah -Iraq.

Nationality: Iraqi

Marital status: Married. Family: 3 children's

Degree Status: PhD in Security Computer Science

Scientific Degree: Assist Prof

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Graduate Degrees:

Degree	University	Graduation Date	Country
B. Sc.	University of Basrah	1990	Iraq
M. Sc	University of technology	2001	Iraq
Ph. D	University of technology	2006	Iraq

Achievements

1. Published papers:

- **Iraqi Journals**

33 Papers were been published in different Iraqis Journals of information security fields, and published in Google web site.

- **international journals and conferences**

Participating in the following international conferences:

- a. **"Using Generated Digital Images to Modify the PGP Cryptography Protocol"** The 2007 International Conference on Security and Management , Monte Carlo Resort, Las Vegas, Nevada, USA (June 25-28, 2007).
- b. **"Proposed New Quantum Cryptography System Using Quantum Description Techniques for Generated Curve"**, The 2009 International Conference on Security and Management , Monte Carlo Resort, Las Vegas, Nevada, USA (July 13-16, 2009).
- c. **"Parallel Priority Region Approach to Detect Background"**, International conference on electrical, computer electrons and communication engineering. Paris ,France, October 7-8-2013.

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1. **"Information Hiding in written text Using Context-Free Grammar (CFG)".** Vol21.No.4,2002, Eng. & Tech. Journal, University of technology.
2. **"Cryptography key generation using 2-DIM generated image".** Journal of AL-Rafidain University College, No.19 8th year 2006.
3. **"Recognizing on-line hand written alphanumeric character Using Structural Approach".** Vol231.No.10,2008. Journal of AL-Rafidain University College.
4. **"Using Generated Digital Images to Modify the PGP Cryptography Protocol"** The 2007 International Conference on Security and Management , Monte Carlo Resort, Las Vegas, Nevada, USA (June 25-28, 2007).
5. **"Quantum Description of Curve Cryptography Technique to Implement Key Distribution System",** Vol2.No.1,2008. Journal of information Technology.
6. **"Generate Cryptographic key using generated 3D- Digital Image",** Vol21.No.4,2008, Eng. & Tech. Journal, University of technology.
7. **"Motion Planning Method Using Cell Decomposition",** Vol2.No.1,2008. Journal of information Technology.
8. **"Agent _Based Program Generation for Database Systems",** Vol2.No.1,2010. Journal of information Technology.
9. **"Modify PGP Cryptography Protocol Using Hash Visualization Technique",** First national conference on computer for information Technology ,11/1/2009.
10. **"Using generated Digital image in image Cryptography",** Iraqi journal of information technology, Vol.2, No.2, 2009.
11. **"Using Generated Digital Images in Image Cryptography.** Vol2.No.1,2008. Journal of information Technology.
12. **تمثيل قواعد اللغة العربية كحدود منطقية في أنظمة معالجة اللغات الطبيعية**, Vol26.No.11,2008, Eng. & Tech. Journal, University of technology.
13. **"Hybrid Information Hiding Technique Using Parametric Spline and DFT",** Vol28.No.4,2010, Eng. & Tech. Journal, University of technology.
14. **"A New Steganography Approach depending on Isolation Curve in Digital Images",** Vol.3. No.1.2009, Journal, of Al- Anbar University for pure science.
15. **"Modify Blowfish Algorithm using Generated Randomness Digital Image",** First computer science conference , University of Technology, computer Science Department, February, 2010.

16. **"Proposed New Quantum Cryptography System Using Quantum Description Techniques for Generated Curve"**, The 2009 International Conference on Security and Management , Monte Carlo Resort, Las Vegas, Nevada, USA (July 13-16, 2009).
17. **"Modification Approach Method for RC4 Using 2D Wavelet Transform"**, Vol.21. No.4.2010.AI-Mustansiriyah Journal of science.
18. **"Proposed Steganography method dor data hiding in Microsoft word document structure"**, Vol.11. No.4.2010 , AI –Mansour Journal,AI-mansour University college.
19. **"Proposed New Elliptic Curve Cryptography Protocol Based on Dictionary Techniques"**, European Journal of Scientific Research, Volume 77 Issue 2.2012.
20. **"Proposed New Algorithm to Generate Cryptography Session Keys Based on CFG and Huffman Code"**, European Journal of Scientific Research" Volume 78Issue 4.2012.
21. **"A Proposal to Effective Long Itemstes Association Rule Mining LIARM (Applied on proposed stego-images dataset)"**, International journal of scientific research, Volume : 2 | Issue : 9 | September 2013 • ISSN No 2277 – 8179.
22. **" Proposed A New Approach For Voiced/Unvoiced Decision Of Sprrch File Using Lagrange Technique"**, Telecommunications and Radio Engineering, 72(6):495-504 (2013).
23. **" Partial Cryptography in Digital Media Environment Based on ECC Algebra"**, Iraqi journal of science, Vol.54. No.2.2013.
24. **" Moving Area Filter to Detect Objects in Video Sequences from Moving Platform"**, World Academy of Science, Engineering and Technology International Journal of Computer, Information Science and Engineering Vol:7 No:9, 2013.
25. **"Parallel Priority Region Approach to Detect Background"**, World Academy of Science, Engineering and Technology International Journal of Computer, Information Science and Engineering Vol:7 No:10, 2013.
26. **"Improved Mean Shift Tracking Algorithm by Multi Scale Motion Information"**, IOSR Journal of Engineering (IOSRJEN) e-ISSN: 2250-3021, p-ISSN: 2278-8719 Vol. 3, Issue 10 (October. 2013), ||V4|| PP 01-08.
27. **" Proposed Approach for Elliptic Curve Cryptography Based on Metaheuristic Algorithms "**, International journal of scientific research, Volume : 2 | Issue : 10 | September 2013 • ISSN No 2277 – 8179.
28. **"Modify Block Cipher Symmetric Algorithm Using Generate 3D Digital Image"**, Iraqi journal of science, Vol.54. No.4.2013.
29. **Dynamic Shuffling for Speed Image Encryption**, *International Journal of Computer Applications* (0975 – 8887) Volume 89 – No.7, March 2014 .
30. **تضمين رسالة سرية في نص عربي مشكل , المؤتمر الدولي الثالث للغة العربية – الامارات / دبي للفترة 7 الى 10 ايار 2014**

31. Speed Image Encryption Scheme Using Dynamic Galois Field GF(P) Matrices", *International Journal of Computer Applications* (0975 – 8887) ,Volume 89– No.7, March 2014.

2. Book Published

Published (*PGP Protocols and its Applications*) Chapter in "Cryptography Book 1, in IN TECH 2012.

3. Talents

I'm interesting and working in researches papers and editor in many Iraqis Computer Science and Security Journals and as an editor in International Journals such as IEEE