



**CV:**

**Full name :** KHALID HADI HAMEED AL-JOURANY

**Personal information :**

Full name : KHALID HADI HAMEED AL-JOURANY

Date of Birth : 21/07/1979

Social status : Married and I have two daughters.

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**Qualifications :**

Educational attainment:

- 1- Bachelor degree (B.SC.) in Mathematics . University of Baghdad college of science on 16/08/2003.(Iraq)
- 2- Master degree in applied mathematics from University of Baghdad college of science on 07/02/2008. (Iraq)  
Thesis Title : Application of Orthogonal Functions in Communications.
- 3- Post-graduation degree (Research, Teacher research) in applied mathematics from Saratov state university on 2018.(Russia)  
Thesis Title : Affine systems of Walsh type with applications.

Scientific department : Mathematics , Degree : Lecturer.

### ***Scientific Certificates:***

- 1- CIMPA: Inverse Problems: Theory and applications. University of Salahaddin /Erbil/ College of Science/ Mathematics Department in May 5-14, 2014.
- 2- CERTIFICATE RUSSIA LANGUAGE ON 03/09/2013
- 3- CERTIFICATE: Presenting Academic Achievements to the World. Saratov state university, March 21-22,2014.
- 4- CERTIFICATE: Presenting Academic Achievements to the World. Saratov state university, March 30-31, 2015.
- 5- CERTIFICATE NO. 3538. EUROPEAN CENTER FOR RESEARCH TRAINING AND DEVELOPMENT UK . MEMBER 01/07/2015.
- 6- CERTIFICATE: INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG) ON 26/12/2016.
- 7- CERTIFICATE: MEMBER IN EUROPEAN MATHEMATICAL SOCIETY.(2017)

### ***MARK AND DATA OF PASSING EXAMINATION:***

- 1- ENGLISH LANGUAGE:  
(based on certificate No.195 issued by Saratov state university on April 1 , 2014. (EXCELLENT)
- 2- HISTORY AND PHILOSOPHICAL SCIENCE (Physical-mathematical science) on October 27,2014 in Saratov state university (EXCELLENT).
- 3- REAL, COMPLEX AND FUNCTIONAL ANALYSIS. April 14, 2015 in in Saratov state university /Department of Mathematics (EXCELLENT).

### ***PUBLICATIONS AND CONFERENCES:***

- 1- KHALID HADI HAMEED .ON REPRESENTAION OF HADAMARD CODES. AL- FATIH JOURNAL. NO.32 ,P. (19-27) ,2008 .
- 2- KHALID HADI HAMEED CONSTRUCTION OF SYLVESTER – HADAMARD MATRICES BY USING

- BINARY CODE . JOURNAL OF AL – ANBAR UNIVERSITY FOR PURE SCIENCE. VOL.3:NO.1:P.(148-151) : 2009.
- 3- KHALID HADI HAMEED .LOCAL SEARCH METHODES FOR A SINGLE MACHINE SCHEDULING PROBLEM. DIYALA JOURNAL. VOL.36 , P. (362-367) , 2009.
  - 4- KHALID HADI HAMEED .APPLICATION OF PALEY FUNCTIONS IN ERROR CORRECTING CODES. J. BAGHDAD COLLEGE OF ECONOMIC SCIENCE UNIVERSITY. ISSUE :28 ,P.(389-405) , 2011.
  - 5- KHALID HADI HAMEED .ON ENCODING OF REED SOLOMON CODE USING WALSH TRANSFORMS J . DIYALA FOR PURE SCIENCE , VOL.9 , ISSUE :4 , P.(1-14), 2013.
  - 6- KHALID HADI HAMEED .ON REPRESENTATION OF FUNCTIONS IN  $L_2(0,1)$  BY USING AFFINE SYSTEM OF WALSH –PALEY SYSTEM TYPE . INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE , ENGINEERING AND TECHNOLOGY .VOL.3,ISSUE 12 , DECEMBER , 2014 ,(17745-17750).
  - 7- KHALID HADI HAMEED. ON DESIGN OF BINARY LINEAR BLOCK CODE (BLBC) BASED ON THE COUPLED MATRICES OF HADAMARD RHOTRIX .International Journal of Mathematics and Statistics Studies Vol.3, No.4, pp.4- 10, July 2015. Published by European Centre for Research Training and Development UK ([www.eajournals.org](http://www.eajournals.org)).
  - 8- KHALID HADI HAMEED .ON ENCODING AND DECODING OF INFORMATION BY USING THE COUPLED MATRICES OF HADAMAR RHOTRIX. International Journal of Mathematical Archive-6(8), 2015, 101-104 Available online through [www.ijma.info](http://www.ijma.info) ISSN 2229 – 5046.
  - 9- Khalid H. H., Mironov V. A., Terekhin P. A. Affine System of Walsh Type. Completeness and Minimality . Izv. Saratov University(N.S.), Ser. Math. Mech. Inform.}, 2016 , vol. 16 iss. 3,

pp. 247 – 256 ( in Russian ). DOI : 10.18500/18169791-2016-16-3-247-256.

- 10- Khalid H. H., Terekhin P.A. On the construction of Riesz bases using Walsh type affine systems in the space  $L^2(0,1)$ . {Modern problems in the theory of functions and their applications Saratov: The scientific book, 2016. Pp. 3-4.(conference)}
  - 11- Al-jourany Khalid Hadi Hameed. On Characterization of Bessel System. ROMAI J., v.14, no.1(2018), p.159-167.
  - 12- Inas Hasan Abed Al-Tameemi. Khalid Hadi Hameed Al-jourany. The existence and uniqueness of Clifford algebra. American International journal of Research in Science, Technology, Engineering and Mathematics .ISSN(Print):2328-3491,ISSN(Online):2328-3580, ISSN(CD-ROM):2328-3629. pp.29-32.2017. <http://www.iasir.net>.
  - 13- KHALID HADI HAMEED .PRESENTING ACADEMIC ACHIEVEMENTS TO THE WORLD RUSSIA (MARCH 21-22,2014) IN SARATOV STATE UNIVERSITY .(conference)
  - 14- KHALID HADI HAMEED .INVERSE PROBLEMS : THEORY AND APPLICATIONS : ORGANIZED BY MATHEMATICS DEPARTMENT /SCIENCE COLLEGE / SALAHADDIN UNIVERSITY IN MAY 5-14 , 2014,IRAQ .(conference)
  - 15- KHALID HADI HAMEED .PRESENTING ACADEMIC ACHIEVEMENTS TO THE WORLD RUSSIA (MARCH 30-31,2015) IN SARATOV STATE UNIVERSITY.(conference)
  - 16- KHALID HADI HAMEED .MODREN PROBLEMS OF THEORY OF FUNCTIONS AND APPLICATIONS. RUSSIA. 27/01/ 2016 TO 03/02/2016.(conference)
  - 17- KHALID HADI HAMEED .Applications of the affine systems of Walsh type to the construction of smooth basis. SPECTRAL THEORY AND ITS APPLICATIONS, Pp. 45-46.(conference)
- SPECTRAL THEORY AND ITS APPLICATIONS. Book of Abstracts .The Institute of Mathematics and Mechanics of Azerbaijan National Academy of Sciences .Baku / June 7-8, 2019.

***LANGUAGES:***

1- ARABIC 2- ENGLISH 3- RUSSIA

***SCIENTIFIC PROGRAMS:***

1- MICROSOFT WORD, EXCEL. 2- LATEX 3- MATLAB AND  
OTHERS ....