

Curriculum Vitae

Name: Abeer Abd Al kadim Abd AL Razaq

Nationality: Iraqi

Date and Place of birth: 18/ 8/ 1979 Thi_Qar

Status: mired

Address: Dept. of Mathematics, College of computer sciences and math , University of Thi-Qar.

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Scientific Title: Prof.

Specialization: Mathematics (Reliability Network)

Academic Background:

Certificate	Year	Specialization	Average	University	Country
B.Sc.	2001	Mathematics	77.44	Thi-Qar	Iraq
M.Sc.	2005	Mathematics in (Numerical)	81.444	Baghdad	Iraq
Ph.D.	2021	Reliability network	83-99	Babylon university	Iraq

Work Experience

- **From 2001 to 2004: Assistant Searcher in Department of Mathematics College of Education for Pure Sciences Thi-Qar, (Iraq).**

M.Sc. Thesis:

NUMERICAL SOLUTION OF ORDINARY FRUNCTIONAL DIFIRANTIAL EQUATIONS

Ph.D. Thesis :

A Modified Technique for Reliability and Entropy for Network Model, Atomium Bridge as a Case Study

Published Papers

(1) Abeer A. Abdul-Razaq, A modified technique to evaluate the reliability of Atomium Bridge,2021,in IOP physics

(2)

Abeer A. Abdul-Razaq, A Developed Approach to Estimate the Reliability of Atomium Bridge , 2021, in IOP COMMUNICATE

(3) Abeer A. Abdul-Razaq , A Hybrid Method Integrating a Discrete Differential Evolution Algorithm with Tabu Search Algorithm for the Quadratic Assignment Problem: A New Approach for Locating Hospital Departments,2021, IN Hindawi jornal.

(4) Abeer A. Abdul-Razaq, Using variational iterate method for solving 1D-2D integral equation. In journal of Thi_Qar science

(5) Abeer A. Abdul-Razaq, studying of stability of conditioning saddle points, . In journal of Thi_Qar science

(6) Hadeel A.Shbber , Abeer A. Abdul-Razaq Genrealized GN-Function for n variable. In journal of Thi_Qar science.

(7)Abeer A. Abdul-Razaq, Modeling the Reliability of Atomium Bridge,2021, in IEEE IRAQ. Teaching

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(8) Implementation of the Enhanced Ant Colony system Algorithm to solve Reliable communication Network Design.

(9) Improved Ant Colony System Algorithm to solve Reliable communication Network Design for Best Solution

(10) Super convergence of conforming and nonconforming finite element approximation for elliptic problems by L-projection

(11) New solution of capacitated vehicle Routing problem

(12) Networks Cyber Security Model by Using Machine Learning Techniques Farah Abbas Obaid Sari1, *, Ali Abdulkarem Habib Alrammahi1,*, Asaad Shakir Hameed2,3

(13) Appling the roulette wheet selection approach to address the Issues of premature coverage and stagnation in the discrete differential evolution algorithm

**(14) Harmony search algorithm for solving combinatorial optimization problems
bibliometric analysis**

(15)

**Abeer A. Abdul-Razaq, Evaluation of the Reliability and the Entropy of
Computer Server 2024**

(16)

**Abeer A. Abdul-Razaq, Estimate the Reliability and Create a New Probability
Density Function of Iraqi Super Grid From North to South By Fractional Calculus**

17) Compute the Reliability and the Entropy of South Iraqi Super Grid, 2025

**18) Estimate The Fractional Reliability and The Fractional Entropy of Computer
Server, 2025**

**19) Computing the Reliability, Entropy and the Extropy of Human DNA in Forensic
Science, 2025**

1) Undergraduate

**Calculus, Probability and statistics, Mathematical statistics, Biostatistics, Computer
sciences, Estimation theory and testing hypothesis, Reliability network, graph
theory.**

2) Postgraduate

Reliability and life testing, Biostatistics and stochastic calculus.

Skills

Matlab software .

In addition to supervising on master's degree application