

RESUME

Math department

Nablus west Bank Palestine

Email: ruziehs@najah.edu

Current job: math instructor at An Najah National University

Education:

Clarkson university

Thesis Title: Some applications of matrices related to graphs

Graduation date: May 1989 GPA: 3.88 out of 4

University of Arizona

Graduation date: May 1984 GPA: 3.4 out of 4

University of Jordan

Graduation date: May 1975 cumulative average: 78.4%
(very good)

Bir Zeit college (currently Bir Zeit University)

Graduation date: June 1972 cumulative average: 80%

Current research:

Some applications of matrices related to graphs. Eigenvalues and eigenvectors of graphs. Coloration matrices and distance matrices. Graph coloring. Chemical applications of graph theory. Graph networks and computer security.

Concentrations:

Numerical analysis. Differential equations. Statistics. Real analysis. Complex analysis. Combinatorics. Linear algebra. Automata theory. Abstract algebra. Matrix theory and control theory. Graph theory.

Professional experience:

Instructor, math dept.

An Najah National University

Nablus, West Bank

Duration: 1979 to present date

Courses taught: calculus, linear algebra, statistics, differential equations, Fortran and basic computer languages, numerical analysis, linear programming, graph theory for both graduate and undergraduate levels and business math

Math teacher at Nablus secondary vocational school.

Nablus, West Bank.

Duration 1975 – 1979

Subjects taught: All high school math topics.

Honors:

AMS membership awarded by Clarkson university for academic performance from 1984 to 1989.

Full scholarship for the PH. D degree offered by An Najah National University from 1985 to 1989.

Full scholarship for the masters degree offered by An Najah National University from 1982 to 1984

Full scholarship for the BS. C degree offered by Bir Zeit University from 1972 to 1975

Deans honor list for academic performance at Bir Zeit University in 1971.

Publications:

The distance spectral radius of the path P_n and the first distance eigenvector of connected graphs

Subhi N. Ruzieh and David L. Powers

Linear and multilinear algebra , 1990, vol 28 , pp 75 – 81

Coloration matrices

Subhi N. Ruzieh

Abhath Al - Yarmouk “ Pure science and Engineering series”

Vol 2, No 2, 1993, pp 17 – 23

The spectrum of the coloration matrix for the complete partite graph

Subhi N. Ruzieh

Hebron university research journal (A)

Vol(5), pp 93 – 99, 2011

The eigenvalues of the matrix of distance reciprocals in the graph $K(r, n-r)$ and C_n .

Hebron university research journal (A)

Vol(6), pp 35=46, 2012

References: available upon request.