

I. LENGTH OF SERVICE TO NIU

Member of mathematical sciences department since 1987.

II. DEGREES EARNED AND PREVIOUS EXPERIENCE

B.A. (Mathematics and B.S. (Chemistry) 1977, University of California, Berkeley.

Ph.D. (Mathematics) 1982, California Institute of Technology.

Instructor, Michigan State University, 1982-1985.

Visiting assistant professor, University of Southern California. 1985-1986.

Visiting lecturer, SUNY Buffalo, 1986-1987.

Assistant professor (1987-1989) and associate professor (1989-present), Northern Illinois University.

III. NUMBER OF YEARS OF SCHOOL EXPERIENCE/CERTIFICATION

None

IV. NAMES AND CATALOGUE NUMBERS OF UNDERGRADUATE AND GRADUATE COURSES TAUGHT IN THE LAST 5 YEARS

Math 206 – Introductory Discrete Mathematics

Math 230 – Calculus II

Math 303 – Introduction to Number Theory

Math 360 – Model Building in Applied Mathematics

Math 456 – Linear Geometry

Math 520 – Algebraic Structures I

V. UNIVERSITY AND DEPARTMENTAL RESPONSIBILITIES/DISTINCTIONS (such as serving as an adviser for the math club)

Assistant Chair of department since July 1995. Among other things, this involves significant advisement of undergraduate students, both majors and non-majors.

VI. OTHER SIGNIFICANT RESPONSIBILITIES/DISTINCTIONS (such as serving as a board member for a professional organization)

None.

VII. FIVE PUBLICATIONS REPRESENTING AREAS OF PROFESSIONAL EXPERIENCE AND INTEREST

1. The diophantine equation $x^2 = 4q^{a/2} + 4q + 1$, with an application to coding theory, (with N. Tzanakis), J. Number Theory 26, 1987, 96-116.
2. Bounding squares in second order recurrence sequences, Acta Arith. 54, 1989, 127-145.
3. Reduced algebraic numbers in the complex plane, J. Number Theory 48, 1994, 392-412.
4. Comparing the unit groups of two orders in a numberfield, Rocky Mtn. Journal Math 27, 1997, 1279-1289.
5. Algebraic integers of small discriminant, (with J. Thunder), Acta Arith. 75, 1996, 375-382.