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Born June 28, 1959 in Ithaca, New York, USA

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Education PRINCETON UNIVERSITY fall 1981– spring 1985
Ph.D in mathematics. Thesis on poles and algebraicity of
Eisenstein series of higher genus, written under Goro Shimura.
Supported by NSF Graduate Fellowship from fall 1981 through spring
1984.

HARVARD UNIVERSITY fall 1977– spring 1981
B.S. in mathematics. Phi Beta Kappa.

Academic POSITIONS UNIVERSITY OF TEXAS AT PERMIAN BASIN fall 1998– present
Associate Professor

UNIVERSITY OF TEXAS AT PERMIAN BASIN fall 1992– spring 1998
Assistant Professor

Postdoctoral POSITIONS INSTITUTE OF DEFENSE ANALYSIS summer 1995
SCAMP Participant

UNIVERSITY OF TOLEDO fall 1991– spring 1992
Visiting Assistant Professor

PRINCETON UNIVERSITY fall 1988– spring 1991
Assistant Professor

INSTITUTE OF ADVANCED STUDIES AT GIVAT RAM
Visitor fall 1987--spring 1988
Attended Special Year in Representation Theory, organized by Ilya
Piatetski-Shapiro, in Jerusalem, Israel.

NSF POSTDOCTORAL FELLOWSHIP
Full support for fall 1987 through spring 1988, and for the
summers 1987, 1988 and 1989. Halftime support for fall 1988
through spring 1990.

UNIVERSITY OF CHICAGO fall 1985– spring 1987
Dickson Instructor.

Other Reviewer of Proposals to NSF/ Journal Articles 1994– present

Professional Societies American Mathematical Society 1985– present
Mathematical Association of America 1996– present

Bibliography of Dr. Feit

1. *A Fundamental Group for Dynamical Systems IV: Connected Topologies*, J. Dyn Sys/Geo Th, Vol. 3, No 1 (2005) p15—24
2. *A Fundamental Group for Dynamical Systems III: Simple Compactifications*, J. Dyn Sys/Geo Th, Vol 2, Nov (2004) p91— 106
3. *A Fundamental Group for Dynamical Systems II: Z_p* , J. Dyn Sys/Geo Th, Vol 2, Nov (2004) p81— 90
4. *Categories and Legal Fictions*, chapter submitted to Nova Science Publications for book *Advances in Pure and Applied Algebra, Vol II*.
5. *Revisions to a Universal Galois Group Functor*, preprint
6. *Creating New Objects by Descent I: Atlases of Charts in an Arbitrary Category*, preprint
7. *Structure Theory for Pro-Objects from an Arbitrary Category*, Comm. in Alg. **26**(11), (1998) p3587— 3624
8. *A Fundamental Group for Symbolic Dynamics I: Definitions*, Proc. Sym. Pure Math., Vol. 66, Part I (1999) p51— 86
9. *Fundamental Groups for Arbitrary Categories*, Cont. Math. **186**, (1995) p321— 324
10. *Existence of Orbifolds IV: Examples*, Comm. in Alg. **24**(4), (1996) p1327— 1369
11. *Existence of Orbifolds III: Pseudoétale Topologies*, Comm. in Alg. **24**(4), (1996) p1281— 1326
12. *Existence of Orbifolds II: Orbifold Structures*, Comm. in Alg. **22**(7), (1994) p2405— 2453
13. *Existence of Orbifolds I: Universal Galois Theory*, Comm. in Alg. **22**(7), (1994) p2367— 2404
14. *Explicit Formulas for Local Factors: Addenda and Errata*, Nagoya. Math. J. **133**, (1994) p177— 187
15. *A Universal Format for Local/Global Theories*, Proceedings of the 3rd Conf. CNTA, (1993) p261— 270
16. Axiomatization of Passage from “Local” Structure to “Global” Object, Memoirs of A.M.S. **485**, (1993)
17. *Poles of Eisenstein Series on SL_n induced from Maximal Parabolics*, Pac. J. **155**, (1992) p229— 250
18. (With W. Feit) *The K -admissibility of $SL(2,5)$* , Geometriae Dedicatata **36**, (1990) p1— 13
19. *Følner Sequences and Hilbert's Irreducibility Theorem over \mathbf{Q}* , Israel J. **69**, (1990) p289— 320
20. *Explicit Formulas for local factors in the Euler Products for Eisenstein Series*, Nagoya Math. J. **113**, (1989) p37— 87
21. Poles and residues of Eisenstein series for symplectic and unitary groups, Memoirs of the A.M.S. **346**, (1986) (Publication of Ph.D. Thesis)}

Books in Preparation

1. Limits, and the Logic behind Limits, draft form
2. A Casual Introduction to Logic, roughly 1/3 complete

Course Taught by Paul Feit

Each course has been taught, on a regular basis, at UTPB.

MATH 1324: Applications of Discrete Mathematics

Three credit hours, for students pursuing a degree in business.

The course covers college algebra, linear programming, and lending. Mortgages are included.

MATH 1324: Applications of Continuous Mathematics

Three credit hours, for students pursuing a degree in business.

The course introduces differential calculus.

MATH 2412: Precalculus

Four credit hours.

MATH 2413: Calculus I

Four credit hours.

MATH 2414: Calculus II

Four credit hours.

MATH 3300: Foundational Mathematics

Three credit hours. The course reviews foundations of set theory, of numerical representation, and of arithmetic.

MATH 3301: Statistics

Three credit hours. The course introduces the basic statistical concepts of mean, median, standard deviation and box plot. It then reexamines these concepts from the perspective of probabilistic models for random variables.

MATH 3305: Mathematical Reasoning

Three credit hours. This course is intended as a transition between Calculus and advanced topics which involve logic. The primary topics are truth tables, quantified logic, and proof by induction.

MATH 3308: Theory of Numeration

Three credit hours. I developed it as a web class directed for candidates in certification in either Generalist or Mathematics Specialist at EC-4 level.

MATH 3315: Algebraic Structures

Three credit hours. This course introduces the perspective of modern algebra. Sets and functions are examined from this perspective. Group theory is introduced.

MATH 3350: Topics in Geometry

Three credit hours. This course introduces non-Euclidean geometry. The methods of Cartesian and classical Euclidean geometry are compared and contrasted.

MATH 3360: Intermediate Analysis

Three credit hours. This course introduces the rigorous theory of limits and continuous functions. I teach from a book in draft form.