

ABRIDGED VITA (12/2004)

Kent R. Fuller

Department of Mathematics, The University of Iowa

PROFESSIONAL BACKGROUND

Assistant Professor of Mathematics, University of Iowa, 1967-1971

Associate Professor of Mathematics, University of Iowa, 1971-1975

Professor of Mathematics, University of Iowa, 1975-present

VISITING APPOINTMENTS

Trinity College, Dublin, Fall, 1970

Aarhus University, Spring 1971, Summer 1977

FernUniversität, Hagen, W. Germany, Summer 1982

University of Leicester, England, Summers 1986, 1992, 1994

University of Hawaii (Visiting Professor), 1979-80, 1984-85, 1988-89, 1994-95

EDITORSHIP

Journal of Algebra, 1983-present

PH.D. THESES DIRECTED

W.A. Shutters, *Rings whose projective modules have well-behaved decompositions*, 1974.

H.L. Hullinger, *Representing finitely generated modules as projective modules*, 1977.

J.K. Haack, *On rings with self-duality*, 1979.

E.R. Voss, *On isomorphism and Morita equivalence of incidence rings*, 1980 (jointly directed with V.P. Camillo).

D.G. Burkholder, *On Azumaya rings*, 1984.

W. Xue, *On exact artinian rings and Morita duality*, 1988.

Y. Wang, *Bounds for finitistic dimension of rings*, 1993.

Z. Zhou, *Correspondence theorems and modules inducing category equivalences*, 1994.

GRANTS

NSF, Summers 1972, 1973, 1974, 1977, 1978, 1979; NSA, Summer 1989

NATO, Summers 1992-1994, 1998-2000 (joint with W.K. Nicholson & J.F. Watters)

PUBLICATIONS

Books

Rings and Categories of Modules (with F.W. Anderson), Springer-Verlag, GTM Vol. 13, First Edition 1974, Second Edition 1992.

Equivalence and Duality for Module Categories (with R.R. Colby), Cambridge Tracts in Mathematics 161, 2004

Recent Papers (from a list of over 70)

1. *Tilting in abelian categories* (with R. Colpi), Trans. Amer. Math. Soc., to appear.

2. *Weak Morita Duality* (with R.R. Colby), Comm. in Algebra, 31 (2003), 1859-1879.
3. *Costar modules* (with R.R. Colby), J. Algebra 242 (2001), 146-159.
4. *A note on block triangular presentations of rings and finitistic dimension* (with W.D. Burgess and A. Tonolo), Rend. Sem. Mat. Univ. Padova 105 (2001), 207-214.
5. *On reflexivity of direct sums* (with V.P. Camillo), Proc. Amer. Math. Soc. 128 (2000), 2855-2862.
6. *Ring extensions and duality*, Amer. Math. Soc. Contemporary Mathematics 259 (2000), 213-222.
7. *On quasi-duality modules* (with W. Xue), Comm. in Algebra 28 (2000), 1919-1937.
8. *Cotilting modules and bimodules* (with R. Colpi), Pacific J. Math. 192 (2000), 274-291.
9. *On reflexive representations of local commutative algebras*, Colloq. Math. 77 (1998), 115-119.
10. *A note on quasi-duality*, Dekker Lect. Notes in Pure & Appl. Math., vol. 201 (1998), 227-234.

RECENT INVITED TALKS

- Conference Bishops University, Quebec, (50 minutes), 10/04
- Conference "Some Trends in Algebra 2003", Prague, (main speaker), 9/03
- Colloquium, Univ. of Murcia, Spain, 2/03
- Conference "Twenty Years of Tilting Theory" Fraueninsel, Germany (50 min. talk), 11/02
- Conference "Some Trends in Algebra" Prague (main speaker), 9/01
- Colloquium, Syracuse University, 9/2000
- Conference on Representations of Algebras, Northeastern University (50 min. talk), 6/00

RECENT EXTENDED PROFESSIONAL TRIPS

- University of Murcia, Feb. 9-22, 2002
- University of Calgary, July 26-Aug.14, 1998; Aug. 10-20, 2001
- University of Padova, Italy, May 14-June 20, 1997; June 21-July 11, 1999; June 8-21, 2002