Curriculum Vitae: Peter M. Neumann

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Born 28.xii.1940 in Oxford to Dr B.H. Neumann and Hanna Neumann.

Married; three children; ten grandchildren.

Degrees and awards:

BA Oxford, 1963; DPhil Oxford, 1966; DSc Oxford, 1976;

Senior Mathematical Prize and Johnson Prize, Oxford, 1965;

Lester R. Ford award, Mathematical Association of America, 1987;

Senior Whitehead Prize, London Mathematical Society, 2003.

Career:

Tutorial Fellow in Mathematics at The Queen's College, Oxford, since 1966, and University Lecturer in Pure Mathematics, Oxford University, since 1967 (due to retire September 2008).

Teaching all aspects of pure mathematics to first and second-year undergraduates; teaching algebra, logic, number theory, combinatorics, history of mathematics to advanced undergraduates; teaching algebra, history of algebra to postgraduate students.

Thirty-six students have earned an Oxford DPhil under my supervision (35 in algebra, 1 in history of mathematics).

Visiting lecturer or visiting professor at various times at a number of universities in Australia, New Zealand, USA, Canada, Germany, Switzerland

Invited lectures of various kinds at schools, universities and conferences in many countries.

Considerable experience of academic administration including chairmanship of various bodies within and outside Oxford University—recently including the Presidency of the British Society for History of Mathematics (December 1999 to December 2002), and Chairmanship of the United Kingdom Mathematics Trust (October 1996 to April 2004).

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Professional interests:

Research in algebra—mainly group theory—and its history. Broad areas to which I have contributed are: finite permutation groups; infinite permutation groups; computational group theory; varieties of groups; infinite soluble groups; statistical questions of group theory; group enumeration; applications of group theory in combinatorics; Nineteenth Century history of group theory. I have published approximately 75 research articles in mathematics (about half of them written jointly with colleagues), 8 research articles in history of mathematics, a textbook of group theory (joint with G A Stoy and E C Thompson), lecture notes on permutation group theory and on computational algebra, an edition (joint with A J S Mann and Julia Tompson) of the papers of William Burnside, and a number of reviews and minor expository items.

Learning and teaching mathematics at all levels from school to postgraduate; the art of lecturing and university teacher training; public understanding of mathematics; relationship of mathematics with other disciplines—especially computation, philosophy.

Languages:

English (and some American); reasonable German (both reading and speaking); good reading knowledge of French; a little Latin.

ΠΜΝ: Queen's: updated October 2005