

Dr Corneliu Hoffman

Senior Lecturer

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About

Corneliu Hoffman is a Senior Lecturer in Mathematics. His research interests include group theory, representation theory, Hopf algebras and Galois theory.

Qualifications

- PhD in Mathematics, University of Southern California 1998
- Bsc in Mathematics, University of Bucharest 1993

Biography

Corneliu Hoffman obtained his Bsc in Mathematics from the University of Bucharest in 1993 and his PhD from the University of Southern California. Prior to moving to Birmingham held academic positions at the University of California Irvine, and The Mathematical Research Institute in Berkeley and Bowling Green State University in the USA.

Teaching

- Finite simple groups
- Metric spaces

Research

RESEARCH THEMES

- Group Theory
- Representation theory
- Hopf algebras
- Galois theory

Publications

R.~J.~Blok, C.~G.~Hoffman, Bass-Serre theory and counting rank two amalgams, J of Group Theory, published online 13/10/2010.

C.~G.~Hoffman, A.~Roberts, "On a quasi-Phan theorem for orthogonal groups.", to appear in Comm Algebra.

R.~Ferguson, C.~G.~Hoffman, F.~Luca, A.~Ostafe, I.~Shparlinski, Some additive combinatorics problems in matrix rings. Rev. Mat. Complut. 23 (2010), no. 2, 501-513.

R.~J.~Blok, C.~G.~Hoffman, A Curtis-Tits-Phan theorem for the twin-building of type \tilde{A}_{n-1} . J. Algebra 321 (2009), no. 4, 1196-1224.

R.~J.~Blok, C.~G.~Hoffman, A Quasi Curtis-Tits-Phan theorem for the symplectic group, J. Algebra 319, 4662-4691 (2008).