

Professor Gustav Isaac Lehrer Member of the Order of Australia

Professor Gustav Isaac Lehrer AM FAA, Senior Research Fellow at the University of Sydney, has been made a Member of the Order of Australia in the Australia Day Honours 'for significant service to tertiary mathematics education as an academic and researcher, and to professional and community groups'.



Gus has a long history of influential work in algebraic geometry, group theory and cognate fields. His invention, with John Graham, of the theory of cellular algebras has been cited hundreds of times. Other notable work includes the development, with Rob Howlett, of methods to decompose certain induced representations of algebraic groups. More recently, his work with Ruibin Zhang on invariant theory for the orthogonal group, solved a problem which had been open since 1937.

He was elected a Fellow of the Australian Academy of Science in 1998. In 2007, a conference on Geometry and Lie Theory was held to celebrate his 60th birthday. Further recognition came last year with the Australian Academy of Sciences Hannan Medal for research in pure mathematics.

We extend our congratulations to Gus for this latest honour.