

David J. Simms

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David J. Simms is a Fellow Emeritus and former Associate Professor of Mathematics at Trinity College, Dublin specialized in differential geometry and geometric quantisation. David Simms has been a member of the Royal Irish Academy since 1978 and is a member of the Editorial Board of the journal *Mathematical Proceedings of the Royal Irish Academy*.

Academic Career

Simms completed his undergraduate degree in Mathematics in Trinity College, Dublin, graduating in 1955. He was elected a Scholar of the College in 1952, when he was just in the first year of his degree, a notable achievement. He went on to do a Ph.D. in the University of Cambridge under W.V.D.Hodge.^[1] Simms lectured in Glasgow University before returning to Trinity.

Simms' research interests include differential geometry and geometric quantisation.

Books and Select Publications

- *Lie Groups and Quantum Mechanics*, Springer Lecture Notes in Mathematics Number 52, 1968
- *Lectures on Geometric Quantization*, (with N.M.J. Woodhouse) Springer Lecture Notes in Physics Number 53, 1976 professional papers.
- Geometric quantization of energy levels in the Kepler problem, DJ Simms - Symposia Mathematica, 1974^[2]

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