

Stanford Department of Mathematics Colloquium

Thursday, October 29
4:15 p.m.
Bldg. 380, Room 380-W.

SPINORS AND THE DYNAMICS OF VECTOR FIELDS IN DIMENSION 3.

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Abstract

As it turns out, the Dirac equation can be used to say something about the integral curves of certain sorts of vector fields on 3-dimensional manifolds. How this comes about is a long and detailed story. Even so, the plot outline is accessible to all—expert status not required.