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**Scoil na
Matamaitice agus na Staitisticí UCD**

An Coláiste Ollscoile, Baile Átha Cliath
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Email seminars@maths.ucd.ie
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Algebra and Number Theory Seminar

Nigel Boston (UCD/CSI)

will speak on

Golay pseudocodewords

Mon 23rd March 2009 at 4:00PM

Location: Mathematical Sciences Seminar Room

The minimum pseudodistance of a code is a better measure of performance than its minimum distance. Many people have tried and failed to show that the (tail-biting trellis of the) extended binary Golay code has minimum pseudodistance 8. I explain these terms and introduce a new technique using multivariate weight enumerators.

This talk is part of the **Algebra and Number Theory** series. For more, see
<https://maths.ucd.ie/seminars>