

SPECTRAL GAP-LABELLING FOR MAGNETIC SCHRODINGER OPERATORS

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With the help of an earlier result, joint with Quillen, I will formulate a spectral gap labelling conjecture for magnetic Schrodinger operators with smooth aperiodic potentials on Euclidean space. Results in low dimensions as well as in the case of periodic potentials will be given. This is joint work with Moulay Benameur.