

TITLE: Modularity of non-semisimple Galois representations.

Abstract: An extension of one (irreducible, say) p -adic Galois representation by another is said to be *geometrically modular* if it can be realised in the cohomology of an "open Shimura variety" (such as the complement of a sub-Shimura variety of a Shimura variety.) It is natural to wish to describe the extension classes that are expected to be geometrically modular, or to arise as p -adic limits of geometrically modular representations.

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