

On the parity conjecture in p -adic analytic families

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Work of Nekovar shows how the validity of the parity conjecture for a p -adic Galois representation of a number field is often constant as the representation varies in an irreducible p -adic analytic family, subject to certain symplectic self-duality and “Panchishkin” conditions. We explain *joint work with Xiao* that pushes these techniques towards generality.