

The q -analogue of the wild fundamental group (joint work with J.-P. Ramis)

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We describe an explicit construction of galoisian Stokes operators for irregular linear q -difference equations. These operators are parameterized by the points of an elliptic curve minus a finite set of singularities. Taking residues at these singularities, one gets q -analogues of alien derivations which freely generate the Lie algebra of the Stokes subgroup of the Galois group.