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Monodromy of eigenvectors of inhomogeneous and trigonometric Gaudin algebras

Gaudin algebras are commutative subalgebras inside tensor products of the universal enveloping algebra of a semisimple Lie algebra. We will study eigenvectors for these algebras acting on tensor product representations. These algebras depend on a choice of parameters and it is interesting to study how the eigenvectors change as we vary these parameters. We will give a combinatorial description of this monodromy using cactus groups and crystals.