Contribution ID: 9

Length Changing Supersymmetry in Integrable Spin Chains

Tuesday 27 August 2013 16:00 (1 hour)

We investigate the integrable gl(m|n) nearest-neighbor spin chains in the rational and trigonometric case and identify the allowed representations and values of the deformation parameter q for which there exist length-changing symmetry generators that commute with the transfer matrix.

Presenter: Dr MITEV, Vladimir (Humboldt University of Berlin)