

Tanusree Pal

Research Summary:

We classified the isomorphism classes of the integrable irreducible modules with finite dimensional weight spaces for the multi-loop Lie algebras and a class of the twisted multi-loop Lie algebras in the paper “Irreducible Integrable Representations of Graded Multi-loop Lie Algebras.” Further study on the representations of the integrable modules of the multi-loop Lie algebras are being continued.

Preprints:

1. Tanusree Pal and Punita Batra, *Irreducible Integrable Representations of Graded Multi-loop Lie Algebras.* , arXiv:0706.0448v1 [math.RT]

Conference/Workshops Attended:

1. *ISI Workshop on Group Theory*, India, December 2006.

Visits to other Institutes:

1. Institute of Mathematical Sciences, Chennai, India, July-August 2006.