Destabilization of two fuzzy spheres at a distance

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Quantum Field Theories:
Fundamental Problems and Applications 2005 at YITP
Dec. 21th. 2005, 16:30 ∼ 18:00

collaborated with Subrata Bal and Jun Nishimura

Fuzzy sphere dynamics of large-N reduced models:

- **Relation between the noncommutative field theory and the superstring study.**
- **Novel regularization scheme alternative to the lattice regularization.**
- **Prototype of the curved-space background in the large-N reduced model.**

We study the stability of the two-fuzzy-sphere solution at a distance.

- **Two fuzzy spheres separated sufficiently (or when one sphere is well inside the other) are metastable.**
- **There is an attractive force between these two spheres.**