

1067-17-1715

**Philippe Di Francesco** and **Rinat Kedem\***, University of Illinois, Department of Mathematics, Urbana, IL 61821. *Discrete integrability in recursion relations for  $(q)$ -characters and fusion coefficients*. Preliminary report.

I will talk about some beautiful formulas which appear to be related: graded multiplicity formulas for fusion coefficients and their relation to (quantum) Q-systems which are (quantum) cluster algebras. (Received September 21, 2010)