BI-CO MATHEMATICS COLLOQUIUM

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"A q-analogue of the hook-length formula"

Monday, November 12, 2012

Talk at 4:00 – E309
Tea at 3:00 – KINSC Math Lounge, H208

Abstract:

The combinatorics community has long had an interest in the hook-length formula for counting standard Young tableaux. The numbers in the formula can be replaced by certain polynomials to obtain a q-analogue of the traditional formula. There are many different q-analogues of the hook length formula.   In this talk we review the classical formula and look at a q-analogue of the hook length formula involving Macdonald polynomials.

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