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Moduli spaces and the Littlewood-Richardson cone

The Littlewood-Richardson cone, studied by Berenstein-Zelevinsky and Knutson-Tao, gives a convex-geometric description of weight multiplicities in the decomposition of tensor products of representations of GL_n . We describe a connection between this cone and certain moduli spaces due to Alexeev.

This is joint work with Eric Babson.