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On the K-theoretic stable bases

In this talk I will recall Maulik-Okounkov's definition of K-theoretic stable bases. I will then talk about their restriction formulas. Note that stable bases depend on the alcoves of the group of characters of the torus. Stable bases in terms of different alcoves are related by the so-called wall crossing R-matrices, studied by Okounkov. I will also talk about such matrices. This is joint work with Changjian Su and Gufang Zhao.