October 3: David Vogan (MIT), "How many jellybeans are in that jar (continued)?"

Three weeks ago I talked about the problem of computing Kazhdan-Lusztig polynomials for the split real group of type E_8. This will be a continuation, emphasizing some mathematical questions suggested by the computation, such as

- How do you count Weyl group elements, involutions, and related objects?
- How can you recognize a Kazhdan-Lusztig computation as belonging to a smaller group?
- Is it possible to compute Kazhdan-Lusztig polynomials for complex groups from those for real groups?
- What are the constant terms of Kazhdan-Lusztig polynomials?