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Polynomials for symmetric orbit closures in the flag variety.

We introduce polynomial representatives of cohomology classes of orbit closures in the flag variety, for the symmetric pairs $(GL(p+q), GL(p) \times GL(q))$, $(GL(n), O(n))$ and $(GL(2n), Sp(2n))$. These polynomials provide our analogues of the polynomials introduced by A. Lascoux and M.-P. Schützenberger for Schubert varieties. This is joint work with Benjamin Wyser. (Received July 22, 2014)