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Justin Allman* (jallman@email.unc.edu) and **Richard Rimanyi**. *A generating sequence for K -theoretic quiver polynomials*. Preliminary report.

Quiver polynomials measure the degeneration of diagrams of bundle maps. An explicit algebraic combinatorial algorithm for computing K -theoretic quiver polynomials for Dynkin quivers has been given by A. Buch in terms of stable Grothendieck polynomials. He conjectures that the coefficients have alternating signs. We will sketch the highlights of Buch's method, and propose a new formula in terms of generating sequences, which has more promise to prove the positivity conjecture. (Received December 03, 2012)