1127-05-410   **Aba Mbirika**, Department of Mathematics, 105 Garfield Avenue, Eau Claire, WI 54701, and **Julianna Tymoczko***, Department of Mathematics and Statistics, Smith College, Northampton, MA 01063. *Representation stability of Springer fibers.*

Springer fibers are subvarieties of the flag variety parametrized by partitions. They arise naturally in geometric representation theory; their cohomology naturally carries the action of a symmetric group action called the Springer representation. We show that Springer representations are representation stable. More precisely, for any increasing sequence of Young diagrams, the corresponding Springer representations form a graded co-FI-module of finite type. (Received February 08, 2017)