1139-14-440　　　　　**Kiumars Kaveh*** (`kaveh@pitt.edu`), 301 Thackeray Hall, Department of Mathematics, University of Pittsburgh, Pittsburgh, PA 15260, and **Christopher Manon**, Lexington, KY. *Toric vector bundles and buildings.*

Klyachko famously classified (T-linearized) vector bundles on a toric variety by certain data of filtrations associated to the rays in the fan. We give an interpretation of Klyachko's data as a "piecewise linear map" and make a connection with the notion of "building". This leads us to a generalization of Klyachko's classification to principal G-bundles on toric varieties for semisimple groups G other than GL(n). (Received February 18, 2018)

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