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Andrew T Carroll* (carrollat@missouri.edu). *Algebraic realization for modules of constant Jordan type.*

I will introduce some special classes of modules of constant Jordan type with notable algebraic properties and describe the algebraic realization theorem. Additionally, I will demonstrate how all vector bundles on the projective line arise from modules of constant Jordan type over the Kronecker quiver. This is based on joint work with Calin Chindris and Zongzhu Lin. (Received February 09, 2014)