

1135-16-907

Rad Dimitric*, City University of New York, Department of Mathematics, 1S, Staten Island, NY
10314. *Kappa-Slender Modules*.

We are working within the category \mathbf{RMod} of (left) R -modules. For an arbitrary finite cardinal κ , we define classes of coordinate κ -slender and tailwise κ -slender modules as well as related classes of $h\kappa$ -modules and initiate a study of these classes. The first two classes are generalizations of the classical notions of slender modules, by way of relaxing the requirement of the image the coordinate vectors or tails to be $< \kappa$ -generated, instead of finite. (Received September 16, 2017)