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**Craig Huneke** and **Adela Vraciu\*** ([vraciu@math.sc.edu](mailto:vraciu@math.sc.edu)), Department of Mathematics,  
University of South Carolina, Columbia, SC 29208. *Homological properties of rings of countable  
Cohen-Macaulay type*. Preliminary report.

We prove two results concerning homological properties of modules over rings of countable Cohen-Macaulay type. The first result is the vanishing of certain Ext modules, and it has applications concerning tight closure of ideals in such rings, while the second result is a restriction on the entries of matrices in minimal resolutions over such rings. (Received July 27, 2005)