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**Toshinori Kobayashi, Justin Lyle\*** ([justin.lyle@ku.edu](mailto:justin.lyle@ku.edu)) and **Ryo Takahashi.**

*Cohen-Macaulay Rings of Finite  $\mathbf{CM}_+$ -Representation Type.*

Let  $(R, \mathfrak{m}, k)$  be a Cohen-Macaulay local ring. We say  $R$  has finite  $\mathbf{CM}_+$ -representation type if  $R$  admits only finitely many nonisomorphic indecomposable maximal Cohen-Macaulay modules that are not locally free on the punctured spectrum of  $R$ . We prove several necessary conditions for  $R$  to have finite  $\mathbf{CM}_+$ -representation type. In some cases, we prove Gorenstein local rings of finite  $\mathbf{CM}_+$ -representation type must be hypersurfaces, and we provide a classification of these rings in dimension 1; if  $R$  is complete, equicharacteristic, and with some hypotheses on  $k$ , they are exactly the hypersurfaces of countable Cohen-Macaulay representation type. (Received January 28, 2019)