1052-13-298   **Lars Winther Christensen*** (`lars.w.christensen@ttu.edu`), Department of Mathematics and Statistics, Broadway and Boston, M.S. 1042, Lubbock, TX 79409, and **Sean Sather-Wagstaff**. *A Cohen–Macaulay algebra has only finitely many semidualizing modules.*

Let R be a commutative noetherian local ring. A finitely generated R-module C is *semidualizing* if the natural homomorphism $R \to \mathrm{Hom}(C, C)$ is an isomorphism and $\mathrm{Ext}^{\geq 1}(C, C) = 0$.

Vasconcelos asked whether the set of isomorphism classes of semidualizing R-modules is finite when R is Cohen–Macaulay and whether it has even cardinality when it contains more than one element.

I will present a positive answer to the first question for equicharacteristic rings and also discuss the second question. (Received August 31, 2009)