999-13-50 **Janet Cowden Vassilev*** (`jvassil@uark.edu`), Department of Mathematical Sciences, University of Arkansas, Fayetteville, AR 72701. *Submodules and Quotients of Cofinite Modules.*

Let (R, m) be a Noetherian local ring and $I \subseteq R$ be an ideal. We will discuss the situations in which an I-cofinite R module M has the property that all its submodules and quotients remain I-cofinite. (Received July 26, 2004)