1012-18-153 **Kim Retert*** (retert@udallas.edu), Mathematics Department, University of Dallas, 1845 East Northgate Drive, Irving, TX 75062-4736. *Submodule Structures and Homological Dimensions.*

While determining the injectivity and projectivity of certain modules in particularly nice "curve categories," I noticed that the injective and projective dimensions of those modules could be read from their submodule structure or that of a closely related module. I will describe this relation, as well as how it can be used to guide the construction of "curve categories" containing modules with a specific injective and/or projective dimension. (Received September 19, 2005)