1131-13-118 **Robert M. Roy\*** (`rmroy@syr.edu`), 215 Carnegie Building, Syracuse University, Syracuse, NY 13244-1150. *Auslander-Reiten sequences for Gorenstein rings of dimension one.*

Let $R$ be a complete (or graded-) local Gorenstein ring of dimension one, with maximal ideal $m$. Then using a mild additional assumption which is satisfied whenever $R$ is a hypersurface, we show that a particular endomorphism of $m$ produces the Auslander-Reiten sequences of Cohen-Macaulay $R$-modules. We have applied this result to determining the shape of some components of stable Auslander-Reiten quivers. (Received July 09, 2017)