1060-57-172    **Keiko Kawamuro\*** (`kawamuro@math.uiowa.edu`), 14 McLean Hall, Iowa City, IA 52240.
*Invariants of psedo-Anosov maps.*

Associated to a pseudo-Anosov mapping class, the Bestvina-Handel algorithm produces a train track map. Given a train track map, we can compute the dilatation number, a will known invariant of pseudo-Anosov maps. I will discuss that we can obtain more informations of the pseudo-Anoso mapping class from a train track map. (Received March 29, 2010)