1030-14-48 **Galbodayage Sujeeva Wijesiri*** (gswijesi@oakland.edu), Department of Mathematics & Statistics, Rochester, MI 48309. *Thomae's formula for normal cyclic curves.*

Thomae's formula expresses branch points of hyperelliptic curves in terms of the hyperelliptic theta functions. There have been attempts in the last two decades to generalize this result to larger classses of algebraic curves. We will discuss some of these generalizations and describe explicit computations for normal cyclic algebraic curves of small genus. (Received July 03, 2007)