1078-03-392   **Matt Insall**, **Peter A. Loeb** and **Malgorzata Aneta Marciniak***
(`malgorzata.marciniak@utoledo.edu`). *Ends from Freudenthal to nonstandard analysis.*

The definition of ends was formally introduced by Freudenthal in 1931. Since that time it went through many modification and was applied in different fields of mathematics, like group theory, analysis, several complex variables, low-dimensional topology, etc. During this talk I will present a selection of concepts related to ends that are significant in nonstandard analysis. (Received December 13, 2011)