1035-Z1-162   **Hari Pulapaka*** (`hpulapak@stetson.edu`), 421 N Woodland Blvd, Unit 8332, Stetson University, Department of Mathematics & Computer Science, DeLand, FL 32723. *On Generalized Alternating Galileo Sequences.*

During the course of studying freely falling bodies, Galileo observed a wonderful mathematical identity that is unique to the sequence of positive odd integers. In this paper, we present and explore a generalized variation of this classical result and provide some open questions for possible further exploration. (Received August 06, 2007)