

1096-AC-1100 **Melvyn B. Nathanson*** (melvyn.nathanson@lehman.cuny.edu), Department of Mathematics,
Lehman College (CUNY), Bronx, NY 10468. *Problems and results in additive number theory.*

This will survey some of Paul Erdos's work on bases of finite order in additive number theory, and review the current status of open problems in the field. Special attention will be paid to extremal problems, and, in particular, to thin bases, minimal bases, and maximal nonbases. (Received September 12, 2013)