

1035-V1-406 **Al Cuoco*** (acuoco@edc.org), Al Cuoco, Center for Mathematics Education, EDC, 55 Chapel Street, MA 01887. *Linear Algebra in High School*.

For over 20 years, the speaker taught a full-year course in linear algebra to high school juniors and seniors in a public school north of Boston. Building on that experience, we are developing a set of materials that high schools can use to build courses around vector geometry, matrix algebra, and applications to mathematics, science, and engineering. We'll discuss our approach to high school linear algebra and give examples from the materials. (Received September 06, 2007)