1125-Q5-567   **Martin J Strauss*** (`martinjs@umich.edu`). *Finite Projective Planes and Applications.* Preliminary report.

A finite projective plane is an incidence structure, consisting of a finite number each of lines and planes and an incidence relation indicating which points lie on which lines. We investigate applications and connections to error-correcting codes in engineering, linear perspective in art, and to finite field construction elsewhere in mathematics. (Received September 06, 2016)