1035-Z1-841   **Kelly B Funk*** (`kbhous01@louisville.edu`), 328 Natural Sciences Building, University of Louisville, Louisville, KY 40292, and **Robert Powers** (`rcpowe01@louisville.edu`), 328 Natural Sciences Building, University of Louisville, Louisville, KY 40292. *A generalization of Ceva's Theorem and Menelaus' Theorem.* Preliminary report.

Ceva's Theorem and Menelaus' Theorem are two classic theorems in plane geometry. Klamkin and Liu (1992) proved a very general result in the Extended Euclidean Plane, $P^2(\mathbb{R})$, that contains Ceva's Theorem and Menelaus' Theorem as special cases. In this talk we generalize the Klamkin and Liu result to projective planes $P^2(\mathbb{F})$ where $\mathbb{F}$ is field of characteristic $\neq 2$. (Received September 16, 2007)

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