

**Meeting:** 998, Houston, Texas, SS 1A, Special Session on Graph Theory and Combinatorics

998-05-347            **Carlos J Rubio\*** (jacob@cactus.iico.uaslp.mx) and **Lev Glebsky**  
(glebsky@cactus.iico.uaslp.mx). *Generalized Quotients of (partial) latin squares.*

A (partial) latin square is a table of multiplication of a (partial) quasigroup. Multiplication of a (partial) quasigroup may be considered as a set of triples. We give a necessary and sufficient condition for a set of triples to be a quotient of a (partial) latin square. (Received March 02, 2004)