**Meeting:** 1001, Evanston, Illinois, SS 19A, Special Session on Algebraic Representations and Deformations

1001-16-24     **Aaron Lauve\*** (`lauve@math.rutgers.edu`), Rutgers University, Busch Campus, Hill Center, 110 Frelighuysen RD, Piscataway, NJ 08854-8019. *Quantum- and Quasi-Plücker Coordinates.*

We demonstrate a passage from the "quasi-Plucker coordinates" of Gelfand and Retakh, to the quantum Plucker coordinates built from $q$-generic matrices. In the process, we rediscover the defining relations of the quantum Grassmannian of Taft and Towber and provide that algebra with more concrete geometric origins. (Received June 29, 2004)