

Meeting: 1000, Albuquerque, New Mexico, SS 3A, Special Session on Algebraic Geometry

1000-14-199 **Holger P Kley*** (kley@math.colostate.edu), Colorado State University, Department of Mathematics, Fort Collins, CO 80523. *Plane curves moving with a complete intersection threefold*. Preliminary report.

If a complete intersection threefold X_0 contains a 2-plane L (respectively a quadric surface Q), we investigate the extent to which curves from a complete linear series on L (respectively Q) deform into a general deformation X of X_0 . (Received August 24, 2004)