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Kathleen M Iwancio* (kmiwanci@ncsu.edu), Department of Mathematics, 255 Harrelson Hall,
Campus Box 8205, Raleigh, NC 27695. *Noise Tolerant Planar Curve Matching Using Invariants.*

Curve matching has a variety of applications in computer image processing and image recognition. This poster presents an investigation of a new noise tolerant method based on integral invariants. Applications to automated puzzle solving are considered. (Received August 21, 2008)