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Sergio R Lopez-Permouth* (lopez@ohio.edu), Department of Mathematics, Ohio University, Athens, OH 45701, and **Steve Szabo**, Department of Mathematics, Ohio University, Athens, OH 45701. *Cyclic convolutional codes and skew polynomial rings*. Preliminary report.

We will present how skew polynomial rings arise as the natural context for the study of cyclicity for convolutional codes. (Received August 06, 2007)