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Clayton Shonkwiler* (clayton@math.uga.edu), UGA Mathematics Department, Boyd GSRC, Athens, GA 30602, and **Frederick R. Cohen** and **Rafal Komendarczyk**. *Homotopy periods of link maps and Milnor's invariants*. Preliminary report.

I will outline the proof of a homotopy-theoretic interpretation of the Milnor invariants of Brunnian links which seems well-adapted to generalization. (Received January 18, 2012)