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**Moshe Cohen\*** (`cohenm10@macs.biu.ac.il`), Department of Mathematics, Bar-Ilan University, 52900 Ramat Gan, Israel, and **Michael Friedman**. *Analogy between knots and primes: number fields ramified over two primes*. Preliminary report.

Kadokami and Mizusawa further the analogy between knots embedded in three manifolds and prime ideals in number fields by considering number fields ramified over one prime. We extend this analogy by considering both the cyclotomic and the anti-cyclotomic extensions for fields ramified over two primes by considering two-component  $\mathbb{Z}/2$  boundary links. (Received August 29, 2011)