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Thomas W Mattman* (TMattman@CSUChico.edu), Department of Mathematics, California State University, Chico, Chico, 95926, and **Pablo Solis** (pablo@math.berkeley.edu), Department of Mathematics, University of California, Berkeley. *A proof of the Kauffman–Harary Conjecture.*

We prove the Kauffman–Harary Conjecture, posed in 1999: given a reduced, alternating diagram P of a knot with prime determinant p , every non-trivial Fox p -coloring of P will assign different colors to different arcs. (Received September 01, 2009)