1117-11-41　　　　　**A.C. Cojocaru*** (`math.cojocaru@gmail.com`), 851 S Morgan St, SEO 322, Chicago, IL 60607, **R. Davis**, West Lafayette, IN 47907, **K.E. Stange**, Boulder, CO 80305, and **A. Siverberg**, Irvine, CA 92697. *Arithmetic properties of the Frobenius traces of an abelian variety.*

Given an abelian variety A/Q, with a trivial endomorphism ring (over the algebraic closure of Q), we investigate the arithmetic properties of the coefficients of the p-Weil polynomials of A, as p varies. (Received December 22, 2015)

1