

1135-AI-1809 **Paul Pollack*** (pollack@uga.edu). *Squares mod p .*

Take the collection of perfect squares — $1, 4, 9, 16, \dots$ — and reduce modulo a prime number p . What can be said about the resulting list? I will survey results, old and new, as well as outstanding open problems. (Received September 24, 2017)