

---

**AMIR AKBARY-MAJDABADNO**, University of Lethbridge

*Artin prime producing polynomials*

We are interested in finding an integer  $g$  and a prime producing polynomial  $f(n)$  such that  $g$  is a primitive root for a very large proportion of primes produced by  $f(n)$ . Here we discuss the work of Lehmer (1963) and Moree (2007) on this problem and present some results for linear, quadratic, and cubic prime producing polynomials. This is a joint work with Keilan Scholten (University of Lethbridge).