**Bonus: 為何 primitive polynomial 都是奇數項？**

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#all minimal polynomials are irreducible

#so, all primitive polynomials are irreducible.

Over GF(2)， *x* + 1 is a primitive polynomial and all other primitive polynomials have an odd number of terms, since any polynomial mod 2 with an even number of terms is divisible by *x* + 1 (it has 1 as a root).