

1968

1968-1. What collections of numbers B_0, B_1, B_2, \dots can be realized as collections of Morse numbers $B_0 = M_0, B_1 = M_1 - M_0, B_2 = M_2 - M_1 + M_0, \dots$ for a polynomial in n variables of degree d ?

1968-2. What topological characteristics of a real (complex) polynomial are computable from the Newton diagram (and the signs of the coefficients)?