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Ayah Almousa* (aka66@cornell.edu) and **Gunnar Fløystad**. *Polarizations of Powers of Maximal Ideals*.

We study polarizations of powers of the maximal ideal (x_1, \dots, x_n) in a polynomial ring of n variables. We present criteria for determining when a possible graph of linear syzygies corresponds to a polarization of the ideal $(x_1, \dots, x_n)^d$. We also give a combinatorial description of the Alexander duals of such polarizations using the graph of linear syzygies. (Received August 19, 2019)