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Michael Anshelevich* (manshel@math.tamu.edu). *Möbius inversion, Wick products, and product formulas*. Preliminary report.

I will explain how inversion formulas for Wick products come from the Möbius inversion on posets. Then I will introduce a general product formula on posets, which leads to product formulas for Wick products. The Wick products for which these techniques work so far correspond to Hermite, Charlier, Laguerre, Chebyshev, and free Charlier polynomials. (Received September 13, 2018)