

The Unimodularity of Gaussian polynomials  $\begin{bmatrix} N+m \\ m \end{bmatrix}$  for a few  
small values of  $m$ .

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**Abstract**

In this talk I will give a proof of the unimodularity of Gaussian polynomials  $\begin{bmatrix} N+4 \\ 4 \end{bmatrix}$ ,  $\begin{bmatrix} N+3 \\ 3 \end{bmatrix}$ , and  $\begin{bmatrix} N+2 \\ 2 \end{bmatrix}$ . The proof will come from an examination of a collection of generating functions for these Gaussian polynomials.