

ZMATH 2015e.00688

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Beyond Pascal's triangle.

AMATYC Rev. 26, No. 2, 19-26 (2005).

Summary: The author demonstrates ways of using "Pascallike" triangles to expand polynomials raised to powers in a fairly quick and easy fashion. The recursive method could easily be implemented within a spreadsheet, or simply by using paper and pencil. An explanation of why the method works follows the several examples that are provided.

Classification: H25 F65

Keywords: polynomials; powers; coefficients; modified Pascal's triangle; number triangles; recursion; sequences; spreadsheets