Rigoberto Flórez and Leandro Junes *GCD Properties in Hosoya's Triangle*, Fibonacci Quart. **50** (2012), no. 2, 163–174

Abstract

We generalize several properties from Pascal's triangle to Hosoya's triangle. In particular, we prove the GCD property for the Star of David and other polygons. We also give a criterion to determine whether a sequence of points in a polygon or in a rhombus have GCD equal to one.