Pascal’s Triangle Mod a Generalize Prime P Graphs

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We have generalized results of Teguia and Godbole on planarized Pascal’s triangle fractal graphs mod 2 to the case of graphs similarly constructed with Pascal’s triangle mod a general prime $p$. This talk will focus on proper colorings of these graphs, as well as pebbling number, domination number, and path oriented properties, including Hamiltonicity, pancyclicity, diameter and radius.

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