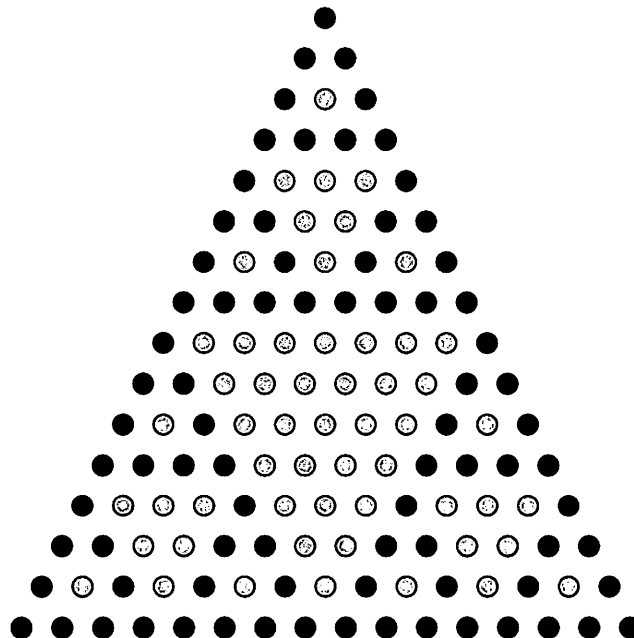
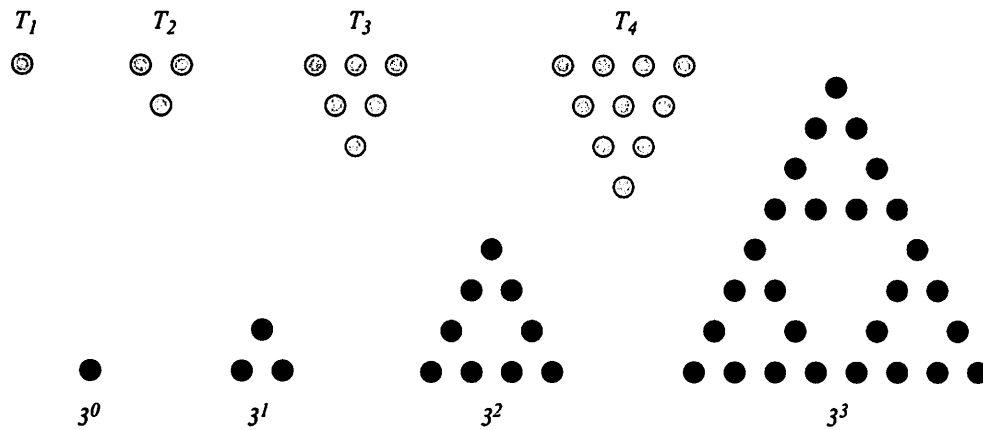


Proof Without Words: Powers of Three and Triangular Numbers

Charles David Leach (cleach@westga.edu), University of West Georgia, Carrollton, GA



$$3^n + \sum_{k=1}^{n-1} 3^{n-k-1} T_{2^{k-1}} = T_{2^n}$$

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