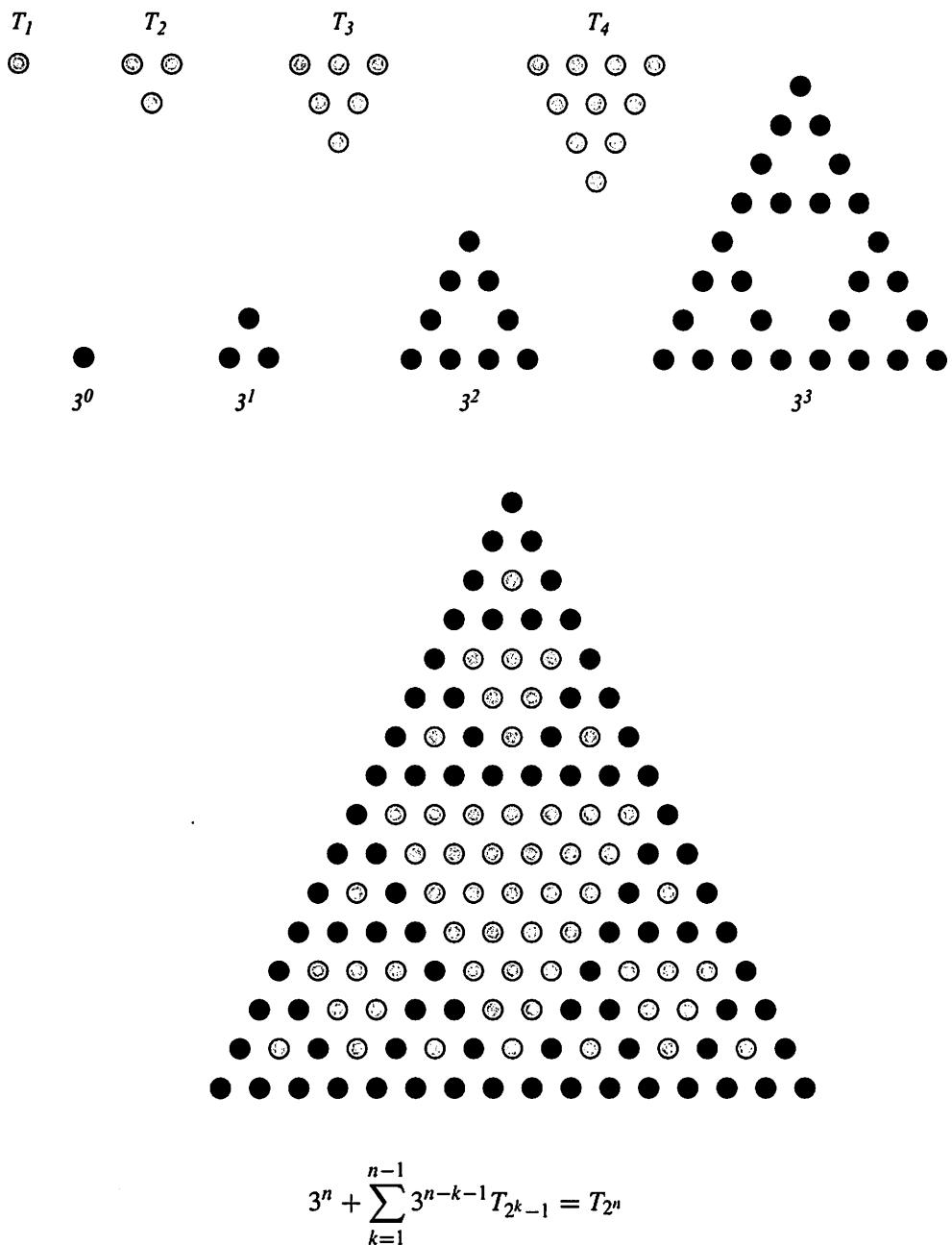


## Proof Without Words: Powers of Three and Triangular Numbers

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

<http://dx.doi.org/10.4169/college.math.j.47.0.000>  
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