

Andrzej P. Kisielewicz

Some Binomial Identities Arising From a Partition of an n -Dimensional Cube,

Fibonacci Quart. **52** (2014), no. 4, 325–330.

Abstract

Using a partition of the cube $[0, 2)^n$ into boxes obtained from a cube tiling of \mathbb{R}^n constructed by Lagarias and Shor, proofs of three well-known binomial identities related to the Lucas cube are given.