Traves, William N.
A remarkable integer identity. (English) Zbl 0804.05006
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Summary: The integer identity $(1 + 2 + \cdots + n)^2 = 1^3 + 2^3 + \cdots + n^3$ is discussed. A number of proofs of the identity are given, the combinatorial proof leading to an elegant geometric proof.

MSC:

05A19 Combinatorial identities, bijective combinatorics

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