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## Abstract

Let integers $m, n$ be given. If $n>0$, then $d(n)$ denotes the number of positive divisors of $n$. If $m>0$ and $n \geq 0$, then $p_{m}(n)$ denotes the number of partitions of $n$ into parts not exceeding $m$; conventionally $p_{m}(0):=1$. On the strength of two identities of Euler this paper shows that the function $d(\cdot)$ can be expressed additively in terms of the restricted partition functions $p_{m}(\cdot), m>0$.

