ON THE NUMBER OF PARTITIONS OF *n* SUCH THAT THE LEAST PART IS NOT REPEATED

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Abstract

If *n* is a natural number, let $p^*(n)$ denote the number of partitions of *n* such that the least part is not repeated. We express $p^*(n)$ in terms of $p(n)$. We also obtain a generating function and a recurrence for $p^*(n)$, and we evaluate $p^*(n)$ for $1 \leq n \leq 30$.