

## Ramanujan's lost notebook : part III

Andrews, George E., author

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### Abstrak

This volume is the third of five volumes that the authors plan to write on Ramanujan's lost notebook and other manuscripts and fragments found in *The Lost Notebook and Other Unpublished Papers*, published by Narosa in 1988. The ordinary partition function  $p(n)$  is the focus of this third volume. In particular, ranks, cranks, and congruences for  $p(n)$  are in the spotlight. Other topics include the Ramanujan tau-function, the Rogers–Ramanujan functions, highly composite numbers, and sums of powers of theta functions.