

# The Core of the Partition Function

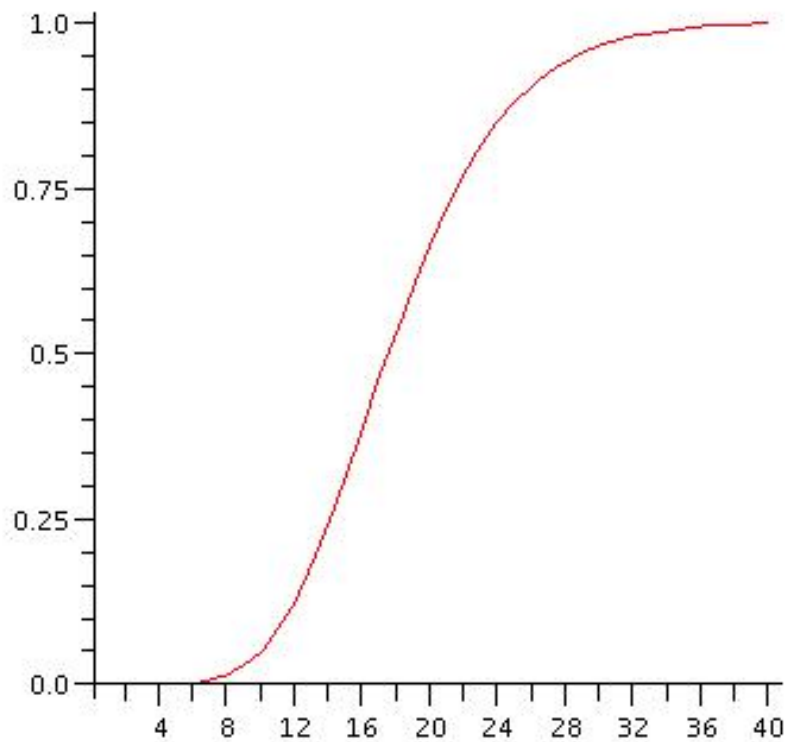
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## $t$ -cores of 40 for $1 \leq t \leq 40$

The number of  $t$ -cores of size 40, for all interesting  $t$ .



This graph is clearly monotonic.