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*The Genoese Lottery and the Partition Function*

In 1749, King Frederic the Great sought Euler's mathematical counsel concerning the establishment of a state lottery. The combinatorial issues involved in the analysis of this game of chance, known as the Genoese Lottery, piqued Euler's curiosity. As a consequence, he wrote four memoirs over the course of his career examining questions arising from this lottery. We will survey these works, paying particular attention to the use of the partition function in the second one.