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Generating functions in the analysis of m -versions of approximate counting, binary search trees and other structures

It was recently suggested to use m counters instead of the usual one in approximate counting. The analysis of this m -version leads to many interesting developments. It is also natural to introduce m -versions for other combinatorial structures: binary search trees, digital search trees, plane oriented recursive trees, and words. It will be described how classical results can be translated via substitutions in suitable generating functions.