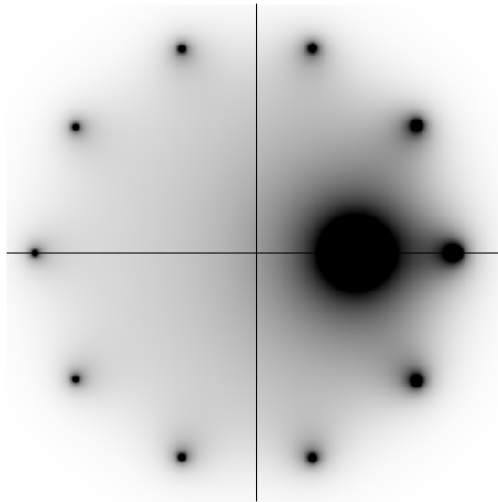# COS 488 Problem Set #10 Question #3

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We obtain the following image for the generating function for strings not including 0000000001:



Meanwhile, the generating function for strings not including 0101010101 looks like this: