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### **complexity of short generating functions**

January 15th, 2019 - general the word short in short gf only means that the gf is given in the form it does not necessarily mean the gf has polynomial length in this paper we initiate the study of plexity of short gfs with bounded index and polynomial lengths for a finite set  $S$  denote by  $f_S(t, p, n)$  the author's 2018'

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way princeton nj 08540 steve homery puter science department boston university 111 cummington street  
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kolmogorov plexity without being very formal basically kolmogorov plexity defines a measure of how small  
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