Mohamed Kharaev

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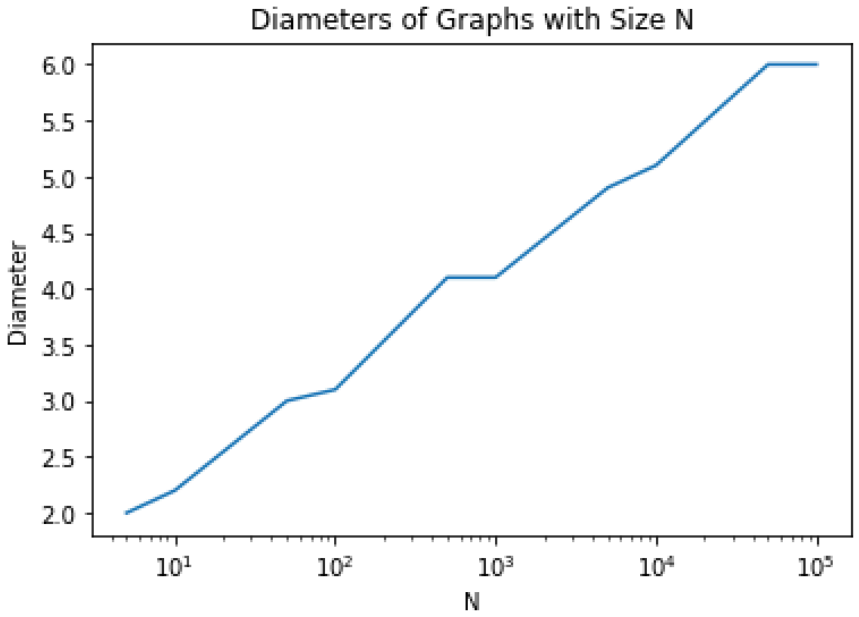
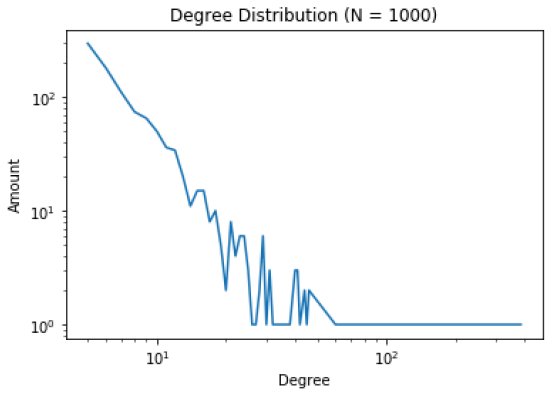
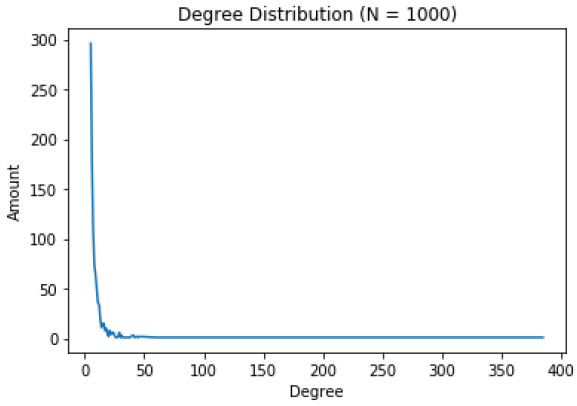
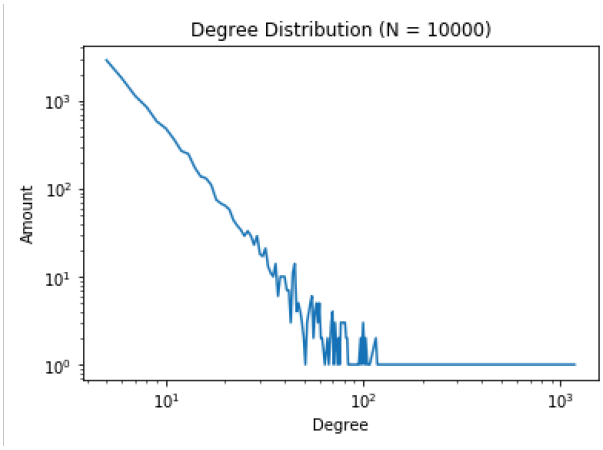


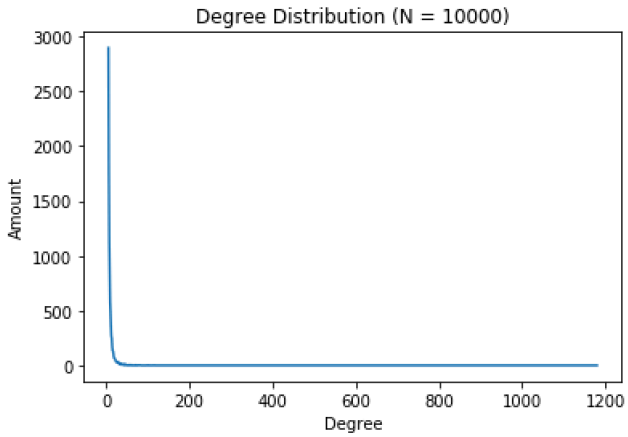
The graph shows that the Diameter of Barbasi-Albert graphs goes up as the size (N) of the graph increases. The diameter grows proportionaly to log(n).



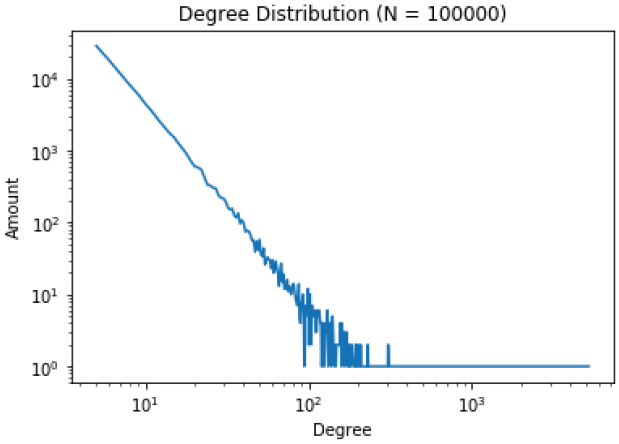


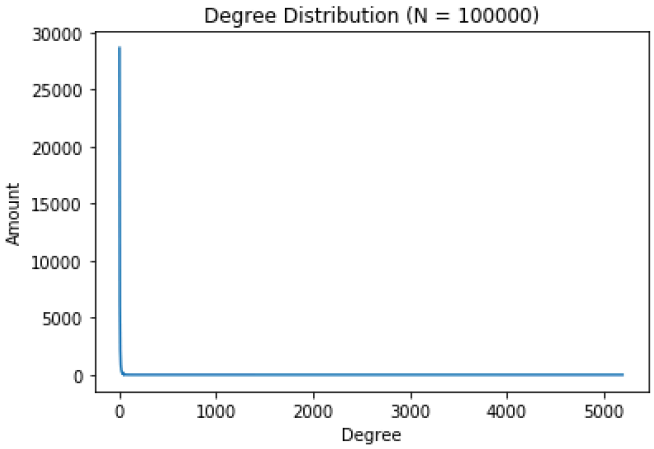
The graph shows that the amount of vertices with degree x decreases, as x increases. There is a negative, exponential relationship between the two. The best fit power law would be -2





The graph shows that the amount of vertices with degree x decreases, as x increases. There is a negative, exponential relationship between the two. The best fit power law would be -3





The graph shows that the amount of vertices with degree x decreases, as x increases. There is a negative, exponential relationship between the two. The best fit power law would be -4