

Talk 4: Erdős-Rényi random graphs: size of the maximal connected component

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Reference material

[Cur]: Section 6

Goal

The goal is to study the size of the maximal component of Erdős-Rényi random graphs.

Content

- Size of the maximal and second largest connected component, weak version (Theorem 6.2, proved in Sec 6.1.1, 6.1.2 and 6.1.3)

References

[Cur] Nicolas Curien. A random walk among random graphs (lecture notes). <https://www.dropbox.com/scl/fi/xgb6yed67rzwynauuagy/cours-GA-online.pdf?rlkey=e10jhac0y9s49ly331il4ydjq&dl=0>.