Course project «Optimization approaches to community detection»

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Plan

- Introduction
 - Notation



Plan of the following section

- Introduction
 - Notation



Notation

Graph

- $G = (\mathcal{V}, \mathcal{E})$ undirected unweighted graph with p nodes and node degrees $\leq d$; $\mathcal{G}_{p,d}$ space of all such graphs.
- V set of nodes, |V| = p; \mathcal{E} set of edges.
- node $i \in \mathcal{V} \to \text{set}$ of neighbors $\partial i \subseteq \mathcal{V} \setminus \{i\}$.

