

Latex Template

Víctor Alcázar

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1 Statement

We've been given the following problem to talk about.

MINIMUM CUT LINEAR ARRANGEMENT

Given a graph $G = (V, E)$, compute a one-to-one function $f : V \rightarrow [1..|V|]$ so that the maximum number of cut edges in any integer point is minimised, i.e.

$$\max_{i \in 1..|V|} | \{ \{u, v\} \in E : f(u) \leq i < f(v) \} |$$