
Algorithm 8: Maximal Matching

Input: undirected graph $G = (V, E)$

Output: some maximal matching M

1 $M \leftarrow \emptyset$

2 **foreach** $e \in E$ **do**

3 | **if** $M \cup \{e\}$ *is a matching* **then**

4 | $M \leftarrow M \cup \{e\}$
