SatoxaSolver: A submission for PACE 2021

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—— Abstract ——————————————————————————————

This is a brief description about SatoxaSolver, a submission for the exact track of PACE 2021 challenge.

1   How to solve

In SatoxaSolver, the parameterized instance (G, k) for solving Cluster Editing is solved by binary searching for the parameter k. As a preprocessing for solving (G, k), we perform a kernelization on critical cliques [4, 3]. Then we obtain a solution by using the idea of solving it's corresponding Weighted Cluster Editing instance [1, 2].

—— References ——————————————————————————————

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