
University of Michigan
2021FA
Course Name

TEMPLATE

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$$d \tag{1}$$

Algorithm 1: Planar Vertex Cover

Data: A planar graph $G = (V, E)$ **Result:** A vertex cover C

```
1  $x^* \leftarrow \text{Solver}(\text{LP})$  // solve 4color(blue)LP relaxation
```

```
4color(blue)Equation 1
```