

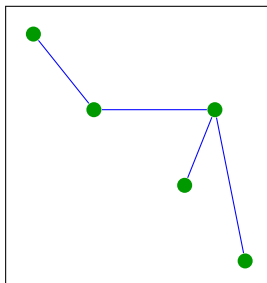
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**Algorithm 1:** disjoint decomposition

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```
1 for  $i \leftarrow 2$  to  $l$  do
2   special treatment of  $i$ ;
3   for  $j \leftarrow 2$  to  $w$  do
4      $\text{left} \leftarrow \text{Find}(lm[i, j - 1]);$ 
5     if left compatible this then //
6       if  $\text{left} < 3$  then  $\text{Union}(\text{left});$ 
7       else  $\text{Union}(\text{this}, \text{left});$ 
8     if left compatible this then //
9       if  $\text{left} < 3$  then  $\text{Union}(\text{left});$ 
10      else  $\text{Union}(\text{this}, \text{left});$ 
11   foreach element  $e$  of the line  $i$  do
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## Algorithm 1: disjoint decomposition

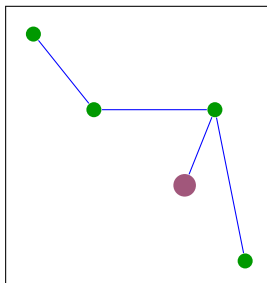
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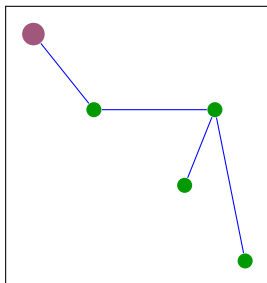
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