Algorithm 1: disjoint decomposition

```
1 for i \leftarrow 2 to l do
       special treatment of i;
 2
       for i \leftarrow 2 to w do
 3
           left \leftarrow Find(Im[i, j-1]);
 4
           if left compatible this then //
 5
                if left < 3 then Union(left);</pre>
 6
                else Union(this.left);
           if left compatible this then //
 8
                if left < 3 then Union(left);</pre>
 9
                else Union(this,left);
10
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       foreach element e of the line i do
       Find(p)
```

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