

3COLORING

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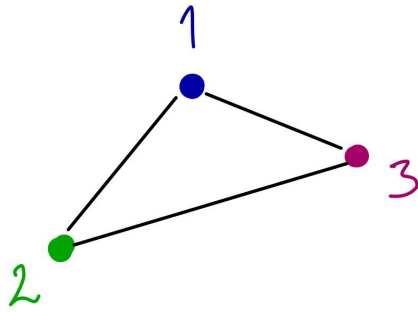
16 декабря 2023 г.



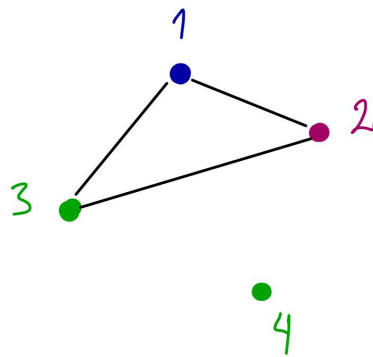
1 0
3-colorable
Vertices: 1
Colors: 2



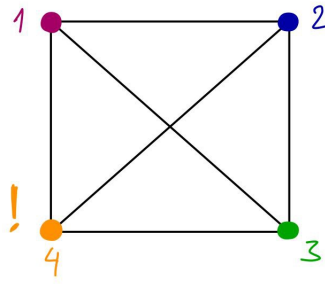
2 1
1 2
3-colorable
Vertices: 2 1
Colors: 2 3



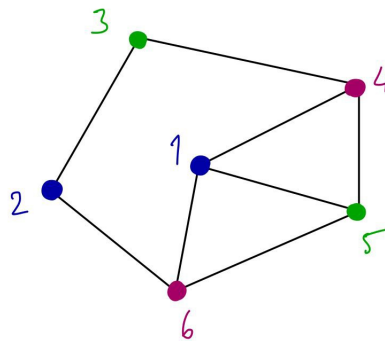
3 3
 1 2
 2 3
 1 3
 3-colorable
 Vertices: 3 2 1
 Colors: 2 3 1



4 3
 1 2
 2 3
 3 1
 3-colorable
 Vertices: 4 3 2 1
 Colors: 2 2 3 1

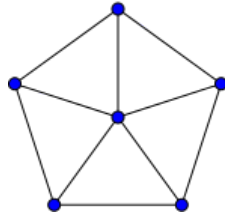


4 6
 1 2
 2 3
 3 4
 4 1
 1 3
 2 4
 NOT 3-colorable

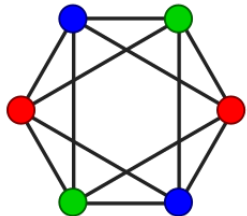


6 8
 1 4
 1 5
 1 6
 2 3
 3 4

4 5
 5 6
 6 2
 3-colorable
 Vertices: 6 5 4 3 2 1
 Colors: 2 3 2 3 1 1

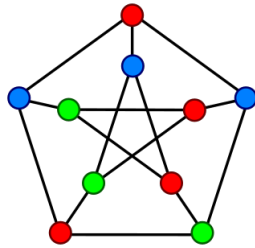


6 10
 1 2
 1 3
 1 4
 1 5
 1 6
 2 3
 3 4
 4 5
 5 6
 6 2
 NOT 3-colorable



6 12
 1 2
 1 3
 1 5
 1 6
 2 3
 2 4

2 6
 3 4
 3 5
 4 5
 4 6
 5 6
 3-colorable
 Vertices: 6 5 4 3 2 1
 Colors: 2 3 1 2 3 1



10 15
 1 6
 1 3
 1 4
 2 7
 2 4
 2 5
 3 8
 3 5
 4 9
 5 10
 6 7
 7 8
 8 9
 9 10
 10 6
 3-colorable
 Vertices: 10 9 8 7 6 5 4 3 2 1
 Colors: 2 3 2 3 1 3 2 1 1 3