

Real Quiz 6

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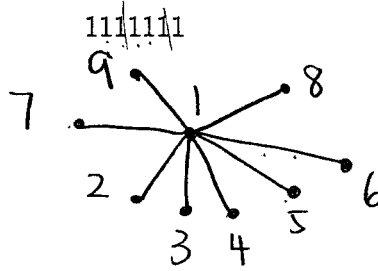
1. (4 points): Find the tree whose Prüfer code is

$7+2=9$ vertices.

$\{1, 2, 3, 4, 5, 6, 7, 8, 9\}$

$(1, 1, 1, 1, 1, 1, 1)$

- 2-1 7-1
- 3-1 8-1
- 4-1
- 5-1
- 6-1



2. (4 points): ~~Find the tree whose Prüfer code is~~

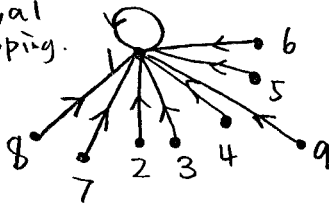
Find the doubly-rooted tree whose Joyal code is

11111111

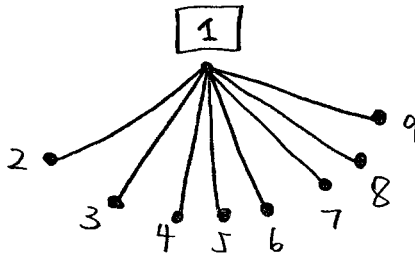
Make sure to mark the primary root and the secondary root.

(123456789)
 (11111111)

Joyal Mapping.



Doubly rooted tree



primary root: 1
secondary root: 1