# of infected: 2   1   1

# of nodes: 5   3   5

- find vi with min # of infected.

- if more than 1 minimum exists,
  find the one with most nodes
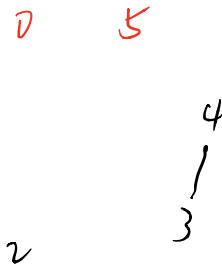 in the subgraph.

$$[[1. 0. 0. 0. 0. 0].$$
$$[0. 1. 0. 0. 0 0].$$
$$[0. 0. 1. 0. 0. 0].$$
$$[0. 0. 0. 1. 1. 0].$$
$$[0. 0. 0. 1. 1. 0].$$
$$[0. 0. 0. 0. 0. 1]].$$

$$[5. 0].$$

0   5

1   4

2   3

$$[[1. 0. 0. 1. 0].$$
$$[0. 1. 0. 0. 1].$$
$$[0. 0. 1. 0. 0].$$
$$[1. 0. 0. 1. 0].$$
$$[0. 1. 0. 0. 1]].$$

0

1   4

2   3
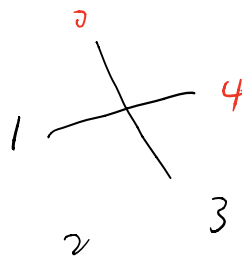
$$[0. 4].$$

[[1.0.0.0].   [3.1].

[0.1.0.0].

[0.0.1.1].

[0.0.1.1].]

0

1

3

2