

SUMMARY: cost method = bpr, heuristic = P0

#### OD\_nodes

- 1: coordinates = (10,35)
- 2: coordinates = (30,15)
- 3: coordinates = (50,35)
- 4: coordinates = (90,35)

#### Flows

- 90 flow from: node 0 -> node 3
- 50 flow from: node 1 -> node 3
- 50 flow from: node 2 -> node 3

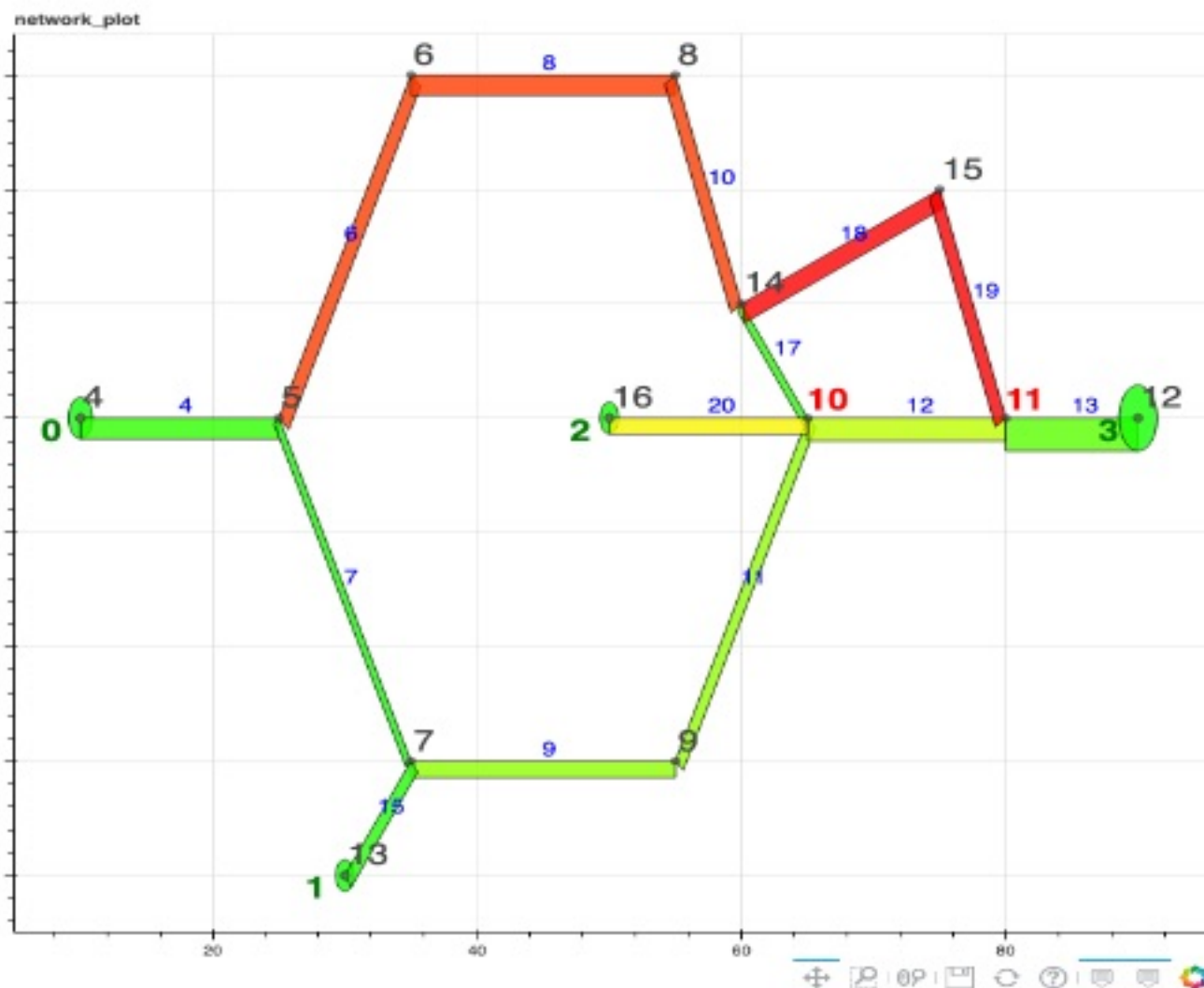
#### Signalized nodes

- node 10
- node 11

legend: - black numbers = node\_ids  
 - red numbers = signaled node\_ids  
 - blue numbers = link\_ids  
 - green numbers = OD\_ids

#### Summary of the results:

- The link flows = (0, 90.0), (1, 50.0), (2, 50.0), (3, 0.0), (4, 90.0), (5, 0.0), (6, 30.52), (7, 59.48), (8, 30.52), (9, 109.48), (10, 30.52), (11, 109.48), (12, 160.52), (13, 190.0), (14, 190.0), (15, 50.0), (16, 0.0), (17, 1.03), (18, 29.48), (19, 29.48), (20, 50.0), (21, 0.0),
- The link costs = (0, 0.0), (1, 0.0), (2, 0.0), (3, 0.0), (4, 0.19), (5, 0.0), (6, 0.23), (7, 0.23), (8, 0.25), (9, 0.25), (10, 0.14), (11, 0.47), (12, 0.2), (13, 0.12), (14, 0.0), (15, 0.09), (16, 0.0), (17, 0.33), (18, 0.2), (19, 0.34), (20, 0.2), (21, 0.0),
- The link green times = (0, 1), (1, 1), (2, 1), (3, 1), (4, 1), (5, 1), (6, 1), (7, 1), (8, 1), (9, 1), (10, 1), (11, 0.66), (12, 0.34), (13, 1), (14, 1), (15, 1), (16, 1), (17, 0.01), (18, 1), (19, 0.66), (20, 0.33), (21, 1),



SUMMARY: cost method = WebsterTwoTerm, heuristic = equisatura

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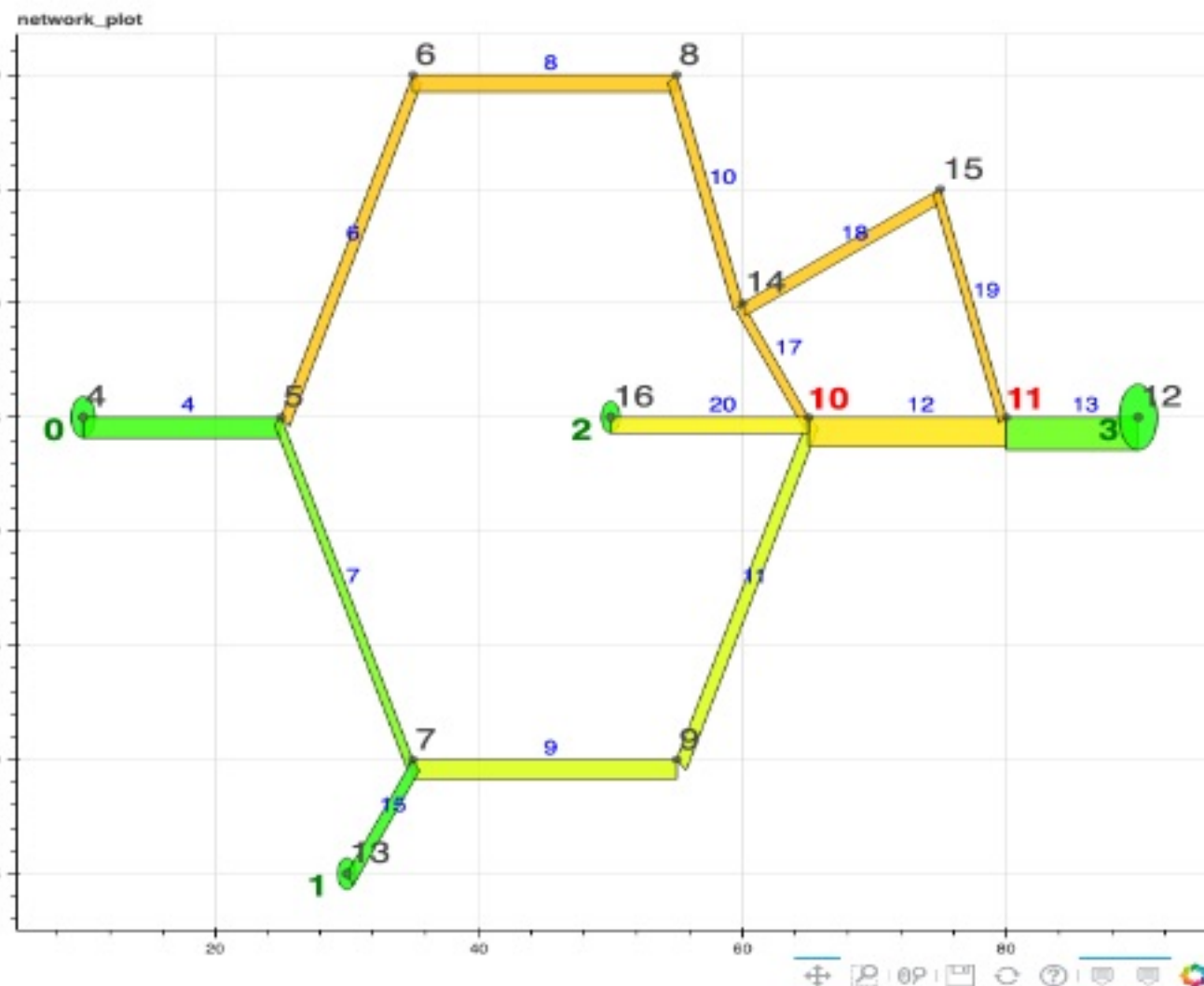
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#### Flows

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#### Signalized nodes

- node 10
- node 11

legend: - black numbers = node\_ids  
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 - blue numbers = link\_ids  
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#### Summary of the results:

- The link flows = (0, 90.0), (1, 50.0), (2, 50.0), (3, 0.0), (4, 90.0), (5, 0.0), (6, 60.0), (7, 30.0),  
 (8, 60.0), (9, 80.0), (10, 60.0), (11, 80.0), (12, 160.0), (13, 190.0), (14, 190.0), (15, 50.0),  
 (16, 0.0), (17, 30.0), (18, 30.0), (19, 30.0), (20, 50.0), (21, 0.0),
- The link costs = (0, 0.0), (1, 0.0), (2, 0.0), (3, 0.0), (4, 0.19), (5, 0.0), (6, 0.23), (7, 0.23),  
 (8, 0.25), (9, 0.25), (10, 0.14), (11, 10000000000.0), (12, 2.8), (13, 0.12), (14, 0.0), (15, 0.09),  
 (16, 0.0), (17, 10000000000.0), (18, 0.2), (19, 10000000000.0), (20, 10000000000.0), (21, 0.0),
- The link green times = (0, 1), (1, 1), (2, 1), (3, 1), (4, 1), (5, 1), (6, 1), (7, 1),  
 (8, 1), (9, 1), (10, 1), (11, 0.56), (12, 0.4), (13, 1), (14, 1), (15, 1),  
 (16, 1), (17, 0.29), (18, 1), (19, 0.6), (20, 0.15), (21, 1),