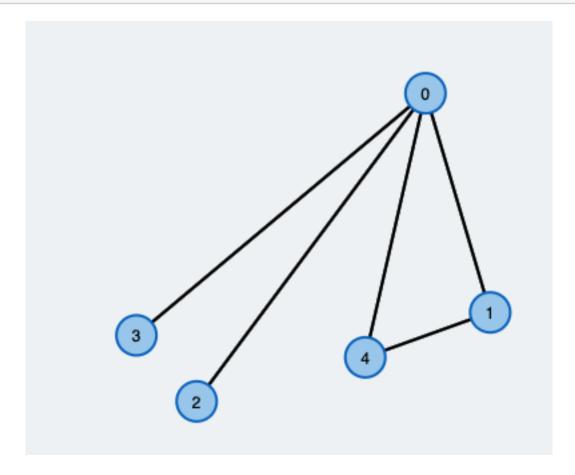
Examples for Blossoms algorithm

June 18, 2020

```
[1]: import maximum_matching as mm
```

0.1 Example 1

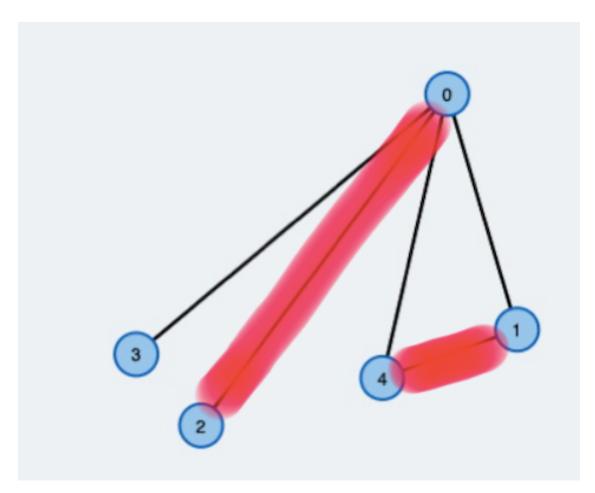


```
[3]: mm.run_blossoms_algorithm(adjacency_matrix_1)
```

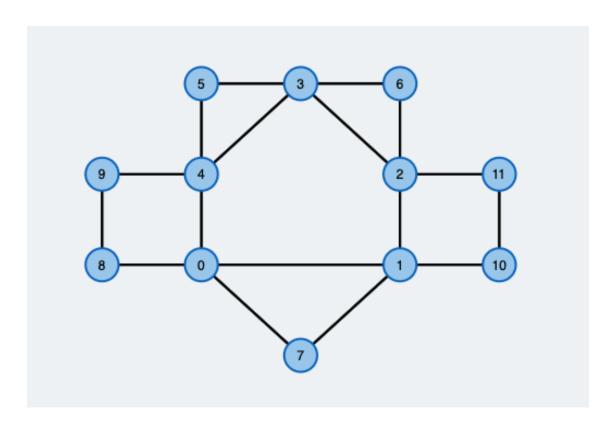
Maximum Matching: {0: 2, 1: 4, 2: 0, 3: None, 4: 1}

Number of matched edges : 2

Time taken: 0.0007519721984863281



0.2 Example 2



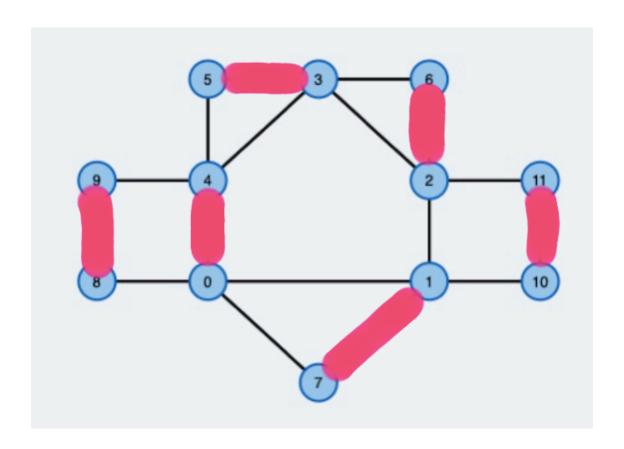
[5]: mm.run_blossoms_algorithm(adjacency_matrix_2)

Maximum Matching: {0: 4, 1: 7, 2: 6, 3: 5, 4: 0, 5: 3, 6: 2, 7: 1, 8: 9, 9: 8,

10: 11, 11: 10}

Number of matched edges : 6

Time taken : 0.001463174819946289



[]: