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716 Computational Geometry
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October 27, 2020

Assignment #3 Report

In this assignment, we are using the “ym9064.txt” as the input file for our program. The input file is:

```
4
0 0 100 100
5 40 55 20
30 60 70 60
60 55 95 15
40 5 95 15
```

The plot graph generated by our program is (Labels are manually labeled) shown in Figure 1.

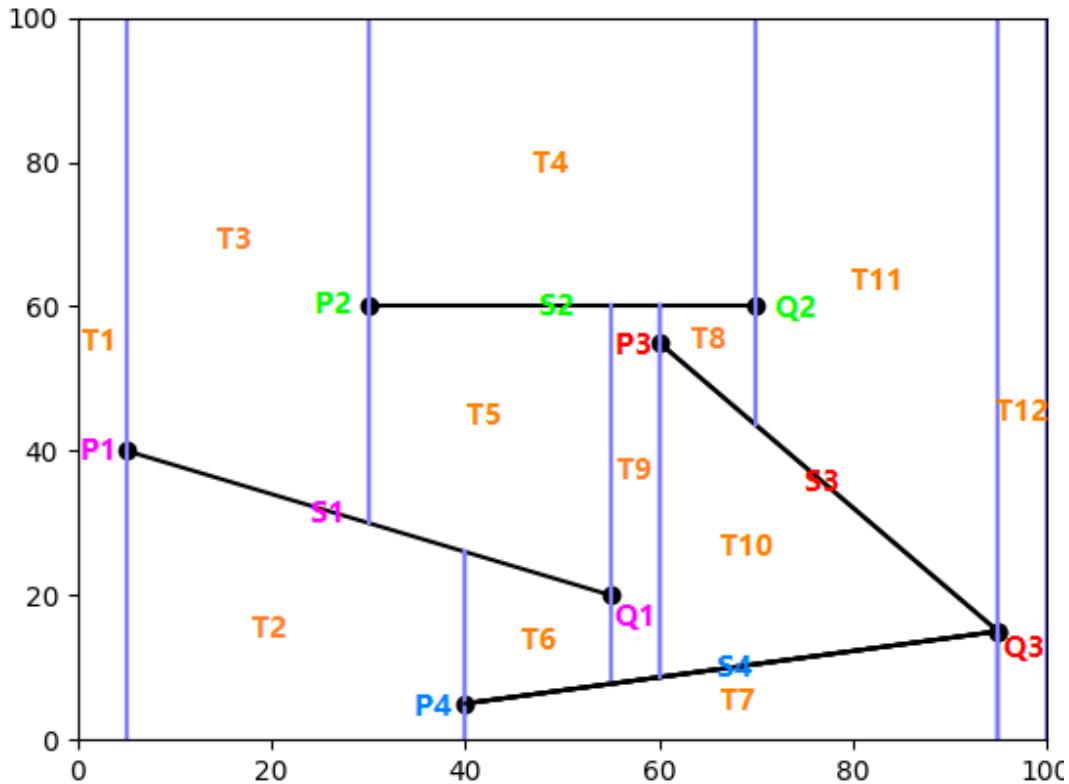


Figure 1: (Manually Labeled) Plot Graph Generated from “ym9064.txt”

The matrix generated by our program is shown in Figure 2, which is little hard to read since no label is printed:

[illegible]

Figure 2: Program Generated Matrix

Thus, we made a matrix with human labeled titles shown in Figure 3.

[illegible]

Figure 3: Manually Labeled Matrix

The corresponding rooted directed acyclic graph looks like Figure 4.

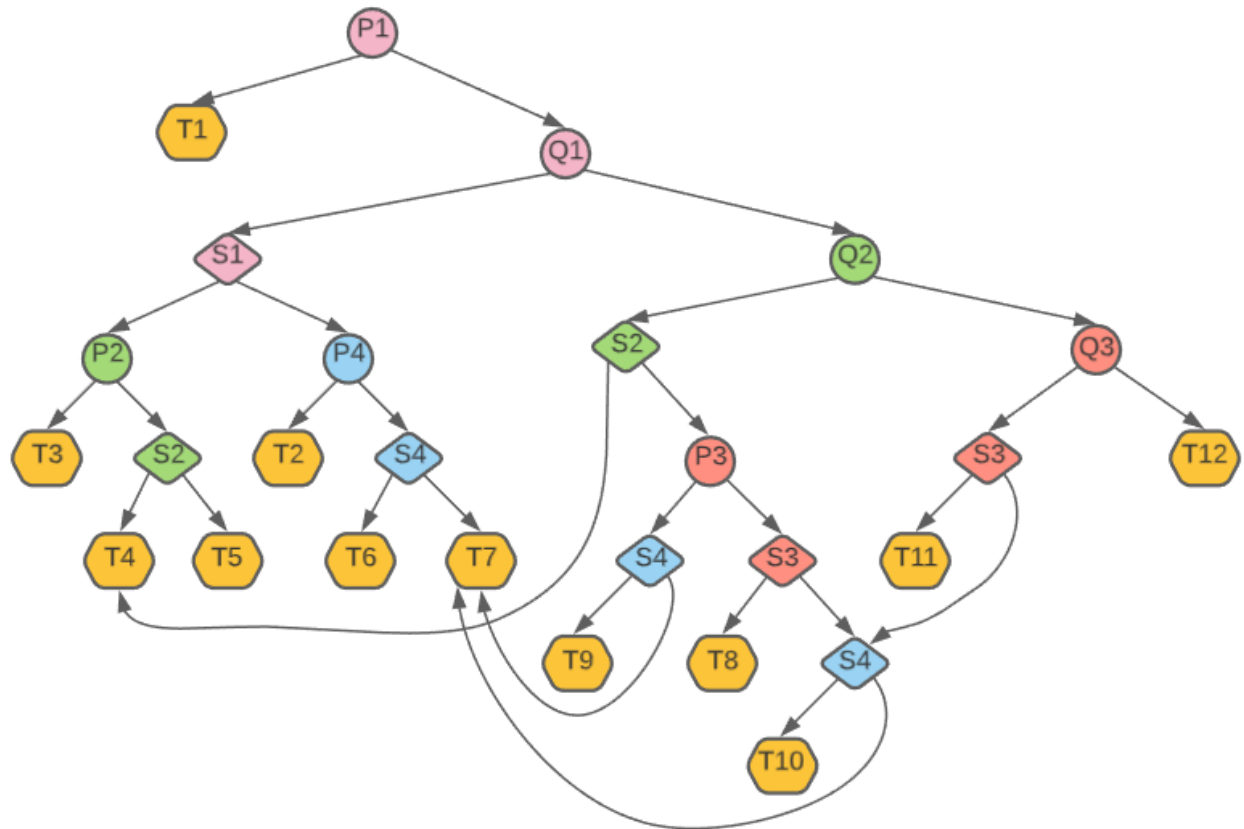


Figure 4: Rooted Directed Acyclic Graph