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| Last name | |
| First name | |
| Group | |

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Algorithmics
Undergraduate 2nd year (S4)
Midterm #4 (C4)
1 March 2017 - 9 : 30
Answer Sheets

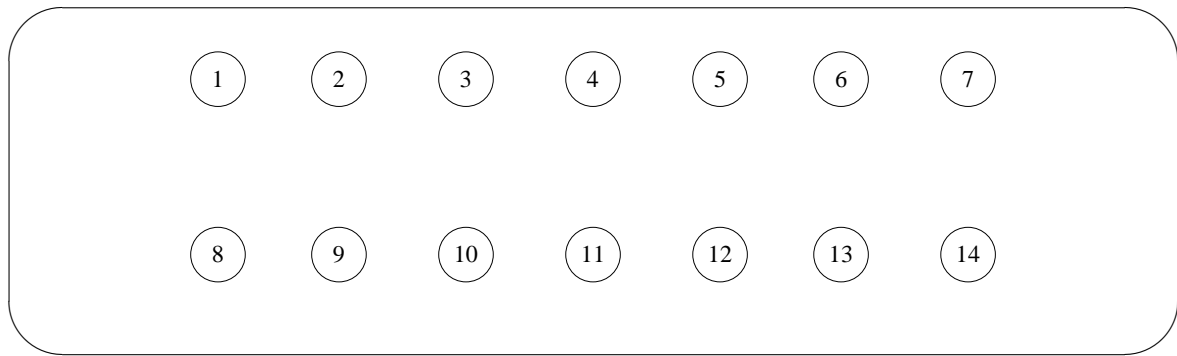
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Answers 1 (SCC – 4 points)

1. Spanning forest associated to the depth-first traversal of the graph in figure 1.

2. Number of strongly connected components in that graph:

3. Illustration of the different strongly connected components of that graph.



Answers 2 (Biconnectivity – 2 points)

1. **Biconnectivity:**

2. Is the graph in figure 1 biconnected ? **YES** **NO**

3. **Articulation point:**

4. **Isthmus:**

Answers 3 (Even Tree – 5 points)

