

Individual tasks for homework 6

Goodrich, Tamassia - Data Structures and Algorithms in Java, 4th ed., Chapter 13

1. C-13.1
 2. C-13.6
 3. C-13.8
 4. C-13.9
 5. C-13.11
 6. C-13.12
 7. C-13.13
 8. C-13.19
 9. C-13.20
 10. C-13.21
 11. C-13.23
 12. C-13.27
 13. P-13.10
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14. Construct the deep clone of a given graph
 15. Find eccentricity of a given vertex
 16. Find the diameter of a graph
 17. Find the radius of a graph
 18. Find the center of a graph
 19. Find the transitive closure of a graph
 20. Find all bridges in a graph (removing a bridge makes graph disconnected)
 21. Find the most far vertex from a given vertex
 22. Find the shortest path between two given vertices
 23. Find the maximum flow between two given vertices
 24. Find two vertices that have the longest distance between them
 25. Find the minimum spanning tree of a graph
 26. Find square of a graph (in sense of multiplication of graphs)