Assignment 10

To the student or student in the course.

Due on: 2021-10-21, 08:00 CET

Figure 1

Problem Statement

1. What is the degree of the graph?

2. True or false: The number of vertices in a graph is always equal to the number of edges.

3. What is the degree of the vertex in the graph?

4. What is the maximum degree of a graph?

5. What is the minimum degree of a graph?

6. What is the diameter of the graph?

7. What is the average degree of a graph?

8. What is the degree of a complete graph?

9. What is the degree of an isolated vertex?

10. What is the degree of a graph that is both complete and isolated?

Problem 1

Figure 1

11. What is the degree of the vertex in the graph?

12. What is the degree of the vertex in the graph?

13. What is the degree of the vertex in the graph?

14. What is the degree of the vertex in the graph?

15. What is the degree of the vertex in the graph?

16. What is the degree of the vertex in the graph?

17. What is the degree of the vertex in the graph?

18. What is the degree of the vertex in the graph?

19. What is the degree of the vertex in the graph?

20. What is the degree of the vertex in the graph?

Problem 2

Figure 1

21. What is the degree of the vertex in the graph?

22. What is the degree of the vertex in the graph?

23. What is the degree of the vertex in the graph?

24. What is the degree of the vertex in the graph?

25. What is the degree of the vertex in the graph?

26. What is the degree of the vertex in the graph?

27. What is the degree of the vertex in the graph?

28. What is the degree of the vertex in the graph?

29. What is the degree of the vertex in the graph?

30. What is the degree of the vertex in the graph?