Assignment 4

Due on 26-09-08, 23:59 IST

Unit 5 - Week 4

Course outline

How to access the portal?

Lecture 10 - simple method
Lecture 11 - simplex method
Lecture 12 - simplex method
Lecture 13 - simplex method
Lecture 14 - simplex method

Sub-assignment 1

Sub-assignment 2 - Solution

Sub-assignment 3 - Solution

Feedback for Re-take

1. Solve the following assignment problem.

2. In a simplex method consider a system of m equations and b equations in n variables. A (m x n) and b (m x 1). Then a(n x n) and b(n x 1) matrices are formed. If all elements of row m of matrix A are non-negative, then the solution of the assignment problem is unique.

3. In an optimisation problem one has to find the best possible allocation of resources amongst the various set of alternatives.

4. In a simplex method, the objective function is a linear function of the decision variables. It is a measure of the amount of output produced by a method. It is a measure of the amount of input used by a method.

5. An objective function is a linear function of the decision variables. It is a measure of the amount of output produced by a method.

6. An objective function is a linear function of the decision variables. It is a measure of the amount of input used by a method.

7. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

8. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

9. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

10. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

11. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

12. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

13. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

14. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

15. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

16. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

17. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

18. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

19. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

20. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

21. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

22. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

23. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

24. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

25. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

26. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

27. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

28. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

29. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

30. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

31. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

32. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

33. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

34. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

35. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

36. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

37. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

38. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

39. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

40. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

41. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

42. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

43. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

44. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

45. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

46. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

47. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

48. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

49. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.

50. The fundamental level of a simplex method is to move from point to point depending on some criteria and in the process improving a point to point. Moving on the feasibility of the solution is determined.