Assignment 6

Assessment credit: 10 points

Due on: 2021-03-05, 12:59 IST

1. The performance-index-based multi-objective optimization approach uses

- higher-order derivative methods for selecting a solution from those optimal from
- higher-order derivative methods for ensuring a multi-objective optimization problem into a single-objective optimization problem
- higher-order derivative methods for guaranteeing an optimal set of conflicting objectives

2. The following statement is

- true
- false

3. The following statement is

- true
- false

4. The function shown on the left is a multi-objective optimization problem.

- true
- false

5. The objective function is

- true
- false

6. The optimal solution is

- true
- false

7. The objective function is

- true
- false

8. The optimal solution is

- true
- false

9. The objective function is

- true
- false

10. The optimal solution is

- true
- false