

**⇒** Back Answer details

Correct answer: 对 My answer: 对 10.0 points knowledge 一. 多选题 (45.0 point point: 1 2 3 二. 判断题 (55.0 point 5. (判断题, 10.0 points) 外罚函数法 (外点法) 适合于求具有不等式约束和等式约束的多维约束优化问题 4 5 6 A. 对

B. 错

My answer: 对 Correct answer: 对 10.0 points knowledge point:

6. (判断题, 10.0 points)

带保护的牛顿算法在当前迭代点处的海色矩阵奇异时,其迭代方向取为其负梯度方向。

A. 对

B. 错

My answer: 对 Correct answer: 对 10.0 points knowledge point:

m in 
$$f(x) = x_1^2 + x_2^2$$
 的增广Lagrange函数为:  
s.t.  $x_1 + x_2 - 2 = 0$ 

$$\varphi(x, \lambda, M) = x_1^2 + x_2^2 - \lambda(x_1 + x_2 - 2) + \frac{M}{2}(x_1 + x_2 - 2)^2$$

一. 多选题 (45.0 point



二. 判断题 (55.0 point





A. 对

B. 错

My answer: 对 Correct answer: 对 knowledge point:

8. (判断题, 10.0 points)

内罚函数法 (内点法) 适合于求具有不等式约束和等式约束的多维约束优化问题

A. 对

B. 错

My answer: 错 knowledge point: Correct answer: 错

10.0 points

15.0 points