

GUANGDONG UNIVERSITY OF TECHNOLOGY

均方误差(MSE): = (0)7 3/-E ChO(X(1) - Y(1))

#寺7正: X ci)

The in is you (hy cras)

英兴河 "

孙 #18/ 一十二年

最优解即使上的最小、

 $h_{\theta}(\chi^{(i)}) = \theta_{o} + \theta_{\bullet} \chi^{(i)}$

震小二乘法(正规方程法)

(B)7E 11 * \$5 (B+0, x ci) y cis)

m Bo + \(\frac{12}{12} \text{ Bi } \chi^{(1)} - \frac{12}{12} \text{ y}^{(1)} = 0

11

(A)16 = X [(B. + B, X(1) - y(1)) X(1)

1) $\sum_{i=1}^{m} \theta_{i}(x^{(i)}) + \sum_{i=1}^{m} \theta_{i}(x^{(i)})^{2} - \sum_{i=1}^{m} y^{(i)}x^{(i)} = 0$

0 X FM3 XC FL -tn2 8

D X X M SE OFF Bo-cox Axon 3 W

(3) 1/2 C(1) + m(1) = (1 , % # # $\theta \cdot \left[\sum_{i=1}^{m} (X_{c,i})_{i} - \left(\sum_{i=1}^{m} X_{c,i} \right)_{i} \right] = \sum_{i=1}^{m} X_{c,i} X_{c,i} = \sum_{i=1}^{m} X_{c,i}$ رم^{دن} پر ۱۹۳

12 X 2 M

Ō

(\frac{1}{2}\chi_{(1)}\chi_{2}

W = (X(p)

ξ χω μ () 5 (X(1)) h, x, w -CXJM

11

代图①, 河 *;*, رح ۱ 1 K B 1

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