Example 515

Q: 
$$u\tilde{l}k$$
)?  $J$  min

Solution  $J = \frac{1}{2} \times (N) \times (N) \times (N) + \frac{1}{2} \sum_{i=1}^{N-1} (X^{i}k) \times (N) \times (N) + \frac{1}{2} \sum_{i=1}^{N-1} (X^{i}k) \times (N) \times (N) + r u^{i}(x) \times (N) \times (N) \times (N) + r u^{i}(x) \times (N) \times (N) \times (N) \times (N) + r u^{i}(x) \times (N) \times (N$ 

K(k) = (B<sup>T</sup>SCK+1) B+R) B<sup>T</sup>SCK+1) A S(k) = [A -BK(k)] TSCK+1) [A - BK(k)] +KT(k) RK(k)+0

$$K(T) = \left[ [O : J [O : ] [O$$

$$K(0) = [-0.6538 - 0.48]$$

$$v^{2}(0) = -R(0) \times (0) = [0.6538 - 0.48]$$

$$x^{2}(1) = AH(0) + BU(0) = [0.6538 - 0.48]$$

$$= [0] + [0] - [0] - [0] - [0]$$

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