| blem 3 , October 25, 202 | 4 12: | 02 PM | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------|-------|------|--------------|---------------|-------|-----|----------|------------|-------------------|----------------|-------|----------------|------|-------------------------|-----|-----|-----|----|------|-------------|-------|-----|
| 9 2 | = J | , 5 | J+ | 4 | σ | 51 | W | | | | | | | | | | | | | | | | |
| Giren | · a | for | ctio | C.P | 6 | (5 | , † | , | it | f | 110 | יטני | | | | | | | | | | | |
| 16(9 | 5, †` |) = | (| 9 | <u>6</u> † | -1 | N | 8 | \$ + \$ | | 1 | σl | ۶ ^۱ | 8 ; | ς ` ζ ^ε , | | H | + | σ | S : | <u>36</u> | _ d (| W |
| Since | 6 | ۲۵٫۰ | 17 | c (| , h | h | ď | do | , es | ha | ;t | e | م 🗴 | Itel | †14 | d | (P | Cnd | | on t | (| † | h v |
| 3 | 3+ | ~ | 0 | | | | | | | | | | | | | | | | | | | | |
| => 9 | 16 | こ | 9 | | 5" |): | n S | ^ | 1 | | | | | | | | | | | | | | |
| 7 | 1 5 1 6 | | | | | | | | | h- | · () | S | -1 | | | | | | | | | | |
| Thu | | | 4 |) | | | | | | | | | | | | | | | | | | | |
| 96 | z | (| 0 | + | N- | ς , | n S | ا م | 4 | <u>Ļ</u> | σ ² | ١٠, ١ | v (N | -1)5 | . n ~ Z |) | d t | + | σς | · // | n- 1 | dw | , |
| | = | . 5 | ^(| بر ۸ | , 4] | - N (| σι | (1 | 1-1) | dt | 4 | 10 | ر ک | dω | 1 | | | | | | | | |
| | 3 | . 5" | 1 (| r <i>J</i>) | 1 | لِ | h | (n | -1 | y - -2 | ر . | d | - | 4 | ho | ٠ (| Λ | d w | | | | | |
| Her | | | | | | _ | | | | | | | | | | | | | | | | | |
| ۶(۲ <mark>,</mark> | | | | | - | | | σ-2 |) | 5 | øŧ | 4 | Λο | 75^ | dn | / | | | | | | | |
| Thu | | | | | | | | | | | | | | | | | | | | | | | |

Thul 84 = N'Ydt 10YUW where 1=5", N= ny +1, n(n-1) 02, 0'= no Thus, Drift coefficient for 50, $\bar{p} = n\mu + \frac{1}{2}n(n-1)\sigma^2$ Volitlity for so, O =no This confirms that So follows, & (5") = \$05" of + \$\bar{\sigma}s\dagger dw