

QUIZ 2

Time: 10min

1. Suppose that the force given by the vector $\langle -1, 3, 0 \rangle$ moves an object from point $A(1, 0, 3)$ to $B(2, -1, 5)$. Compute the total work.
2. Find three vectors \mathbf{a} , \mathbf{b} , and \mathbf{c} such that $(\mathbf{a} \times \mathbf{b}) \times \mathbf{c} \neq \mathbf{a} \times (\mathbf{b} \times \mathbf{c})$.

Each problem is worth 5 pts.