Quiz 7 (Problems)

1. Find the tangential and normal components of acceleration for the curve $\mathbf{r}(t) = \langle 3t^2, 4t^2, 10t \rangle$ at $t = 2$ and express a in terms of T and N.

Quiz 7 (Answers)

1. (Math-252 Quiz 7)

   $\mathbf{a} = 4\sqrt{5}\mathbf{T} + 2\sqrt{5}\mathbf{N}$