

Physics 3200Y: Assignment I

Jeremy Favro (0805980)
Trent University, Peterborough, ON, Canada

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Problem 1. Let $\nabla = \mathbf{r} - \mathbf{r}'$ be the separation between r and r' , where $r' = (x', y', z')$ is a fixed point and $r = (x, y, z)$. Let $r = |\nabla|$ be the magnitude of the separation

Solution 1.