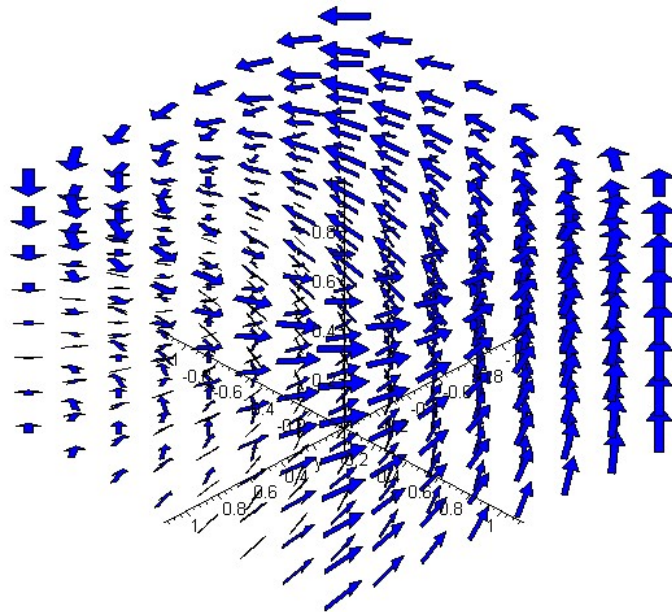


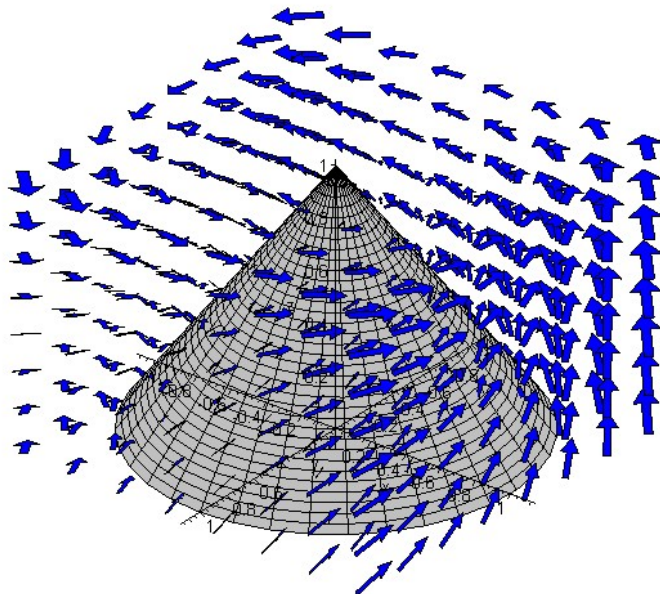
$$\vec{F} = \langle -y, x, 1 - z \rangle$$



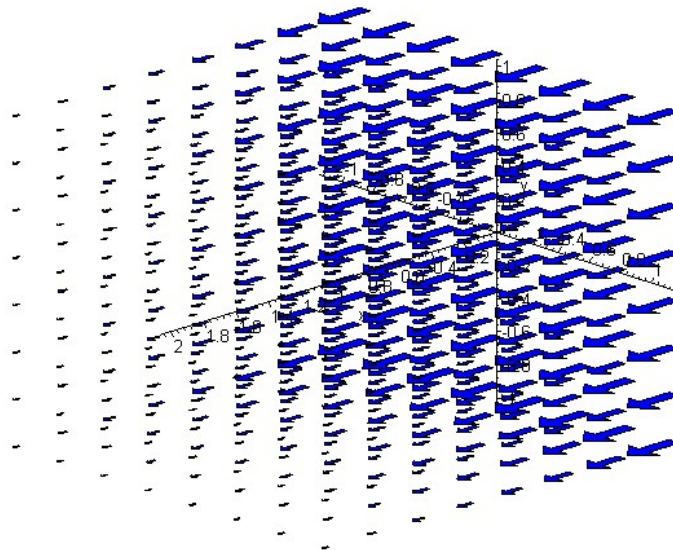
$$\vec{\mathbf{F}} = \langle -y, \ x, \ 1 - z \rangle$$

$$\vec{\mathbf{r}} = \langle v \cos u, \ v \sin u, \ 1 - v \rangle$$

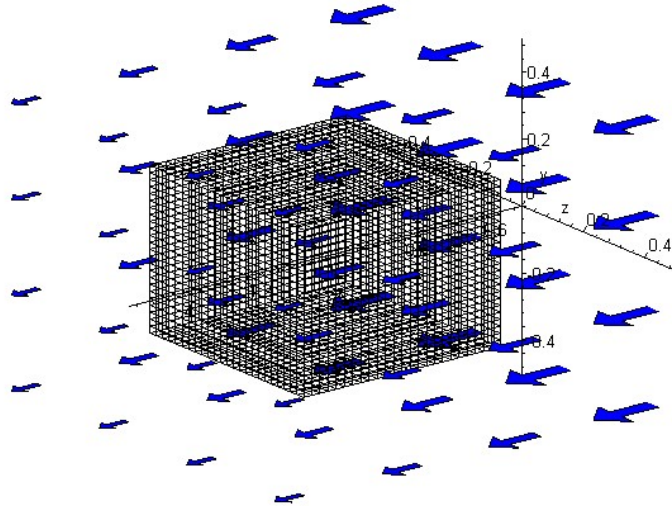
$$0 \leq v \leq 1 \text{ and } 0 \leq u \leq 2\pi$$



$$\vec{\mathbf{F}} = \langle e^{-x}, 0, 0 \rangle$$



$$\vec{\mathbf{F}} = \langle e^{-x}, 0, 0 \rangle$$



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