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## Accelerating

$E$

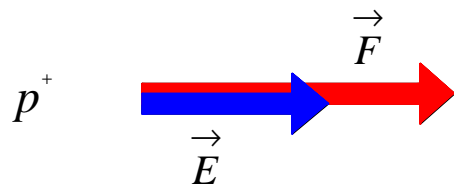
$$a = \frac{dv}{dt}$$

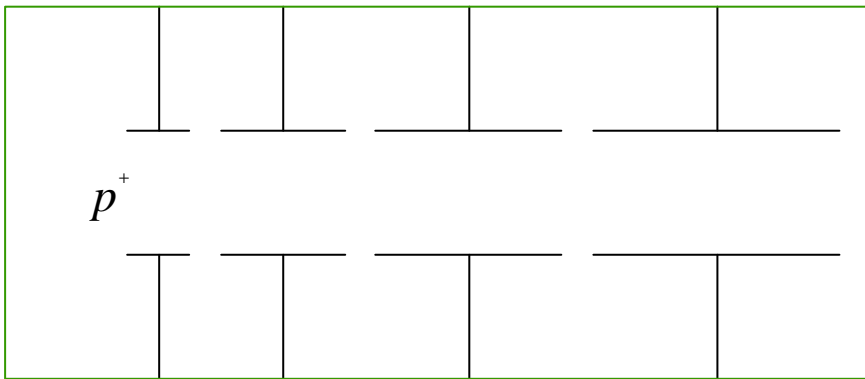
$$F = m \cdot a$$

$$\vec{F} = m \cdot \vec{a}$$

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$$\vec{F} = q \cdot \vec{E}$$





**linear accelerator**