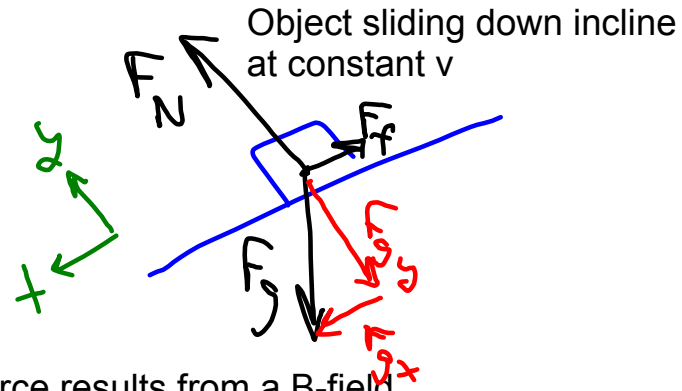
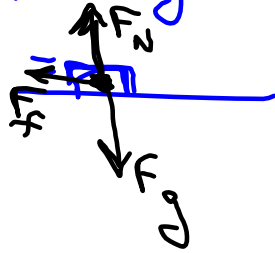


1. Review Freebody diagrams.

Penny Sliding

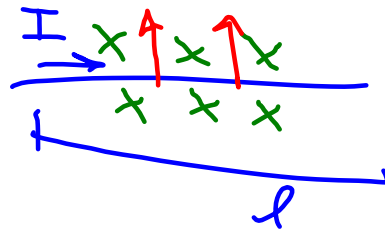


2. Two ways that a force results from a B-field

$$F = qvB$$



$$F = I\ell B$$



Magnetic Flux is

$$\Phi_B = B \cdot A$$

$$\Rightarrow \mathcal{E} = -\frac{d\Phi_B}{dt}$$