# Section 3: Electrical Conductivity $_{\rm AE435}$

AE435 Spring 2018

### 1 Charged Particle Motions

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#### 1.1 Uniform, Steady B-Field

## 1.2 Uniform, Steady B-Field

#### 1.3 Arbitrary Force Drift

#### 1.4 Non-Uniform Fields

 $1.5 \quad \hbox{Conductivity in Collision-less Enviorment}$