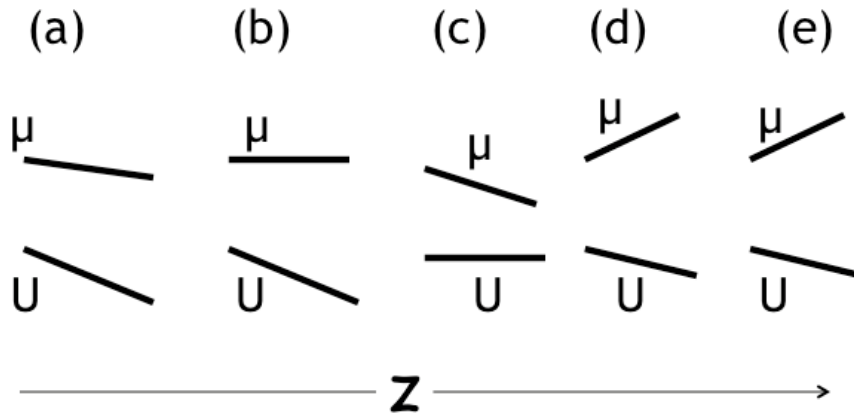


3.1. Introduction



Five possible spatial variations of the electrochemical potential $\mu(z)$ and the electrostatic potential $U(z)$ are sketched above.

3.1a. Of these the electric field is zero only for

- (a)
- (b)
- (c)**
- (d)
- (e)

3.1b. Of these the current is zero only for

- (a)
- (b)**
- (c)
- (d)
- (e)