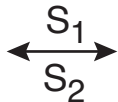


cell membrane

Inside

Outside

$$[S_1^+] = [S_1^-] = c_i$$



$$[S_1^+] = [S_1^-] = c_e$$

$$x = 0$$

$$x = L$$

$$\phi(0) = V$$

$$\phi(L) = 0$$