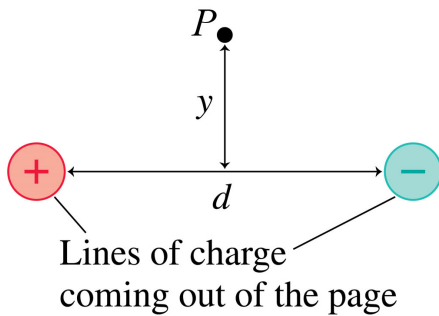


Copies of the inside front and back covers of the Griffiths text are provided on the next page.

- (1^{pt}) 1. Consider the oppositely-charged long wires directed out of the page as shown in the figure below. What is the direction of the electric field at point P . P is a distance $\sqrt{y^2 + (d/2)^2}$ from both wires.



- (1^{pt}) 2. What is the electric flux Φ_E through the surface of the cube labelled S in the figure below?

