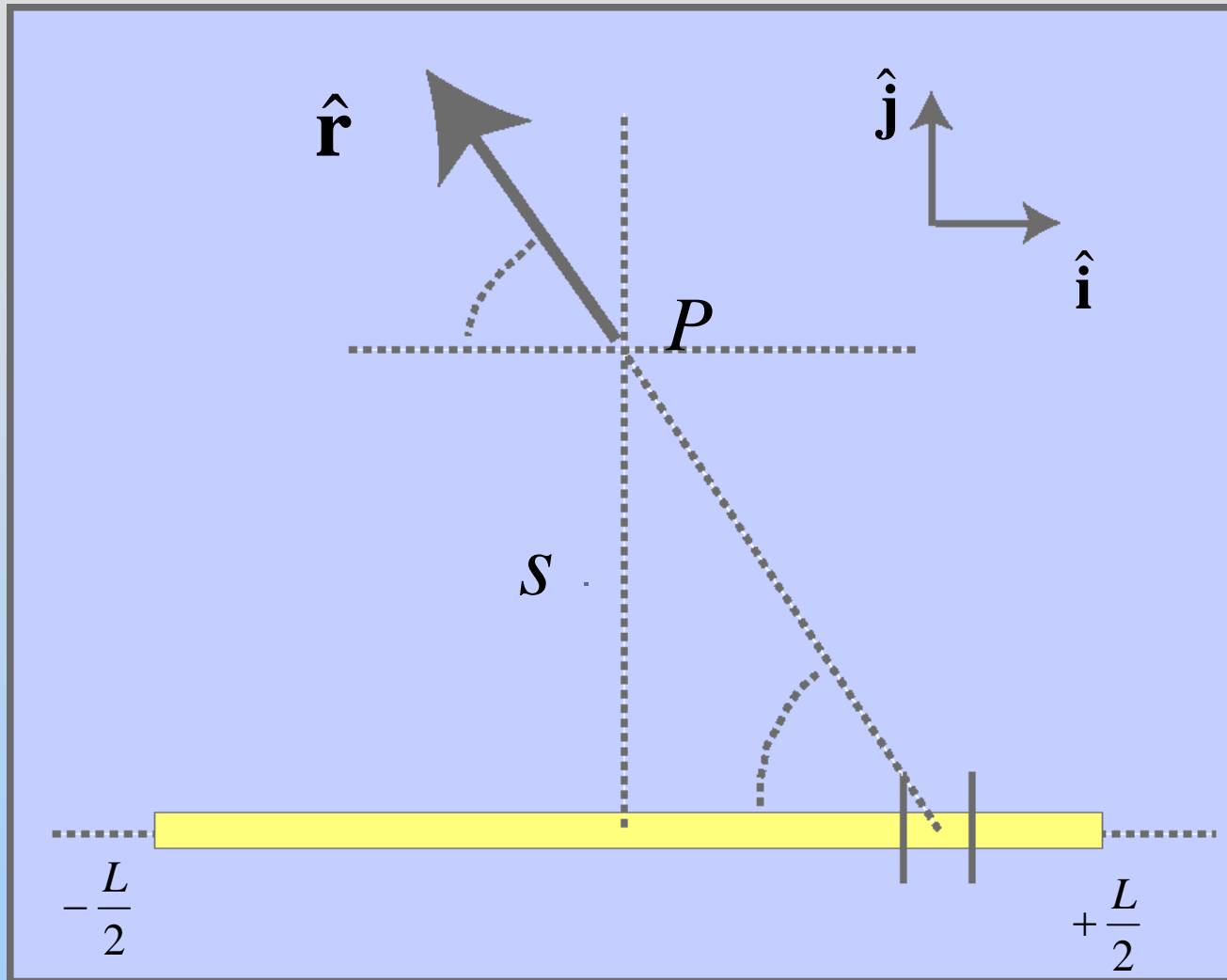


# Group: Line of Charge



Point  $P$  lies on perpendicular bisector of uniformly charged line of length  $L$ , a distance  $s$  away. The charge on the line is  $Q$ . What is  $\mathbf{E}$  at  $P$ ?