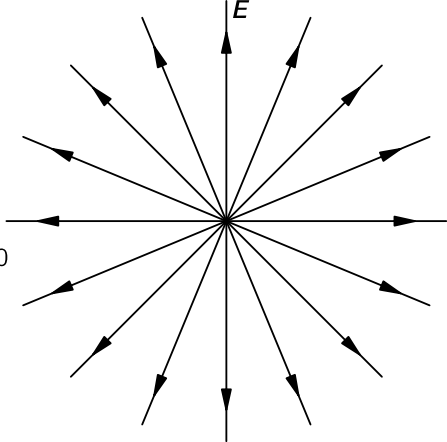


(a)  $v = 0$



(b)  $v = 0.9c$

