18 Two equal and opposite charges +q and −q are situated 0.90 m apart.

At a point P, 0.30 m from the charge +q, the magnitude of the electric field strength due to the charge +q alone is 10.0 N C^{-1}.

+q 0.30 m   P   0.60 m   −q

What is the magnitude of the electric field strength at P due to both charges?

A   5.0 N C^{-1} **B**   7.5 N C^{-1} **C**   12.5 N C^{-1} **D**   15.0 N C^{-1}