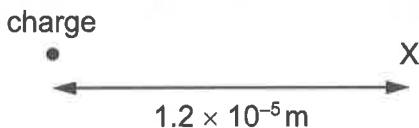


- 21 A fixed charge is isolated in space. The electric potential at X, a distance of 1.2×10^{-5} m from the fixed charge, is -1.2×10^{-4} JC $^{-1}$, as shown.



At one instant, an α -particle passes through point X.

What is the magnitude of the electric field strength at the midpoint between the α -particle and the fixed charge at this instant?

- A 40 NC^{-1} B 60 NC^{-1} C 80 NC^{-1} D 120 NC^{-1}

