Outside spherical shell
$\vec{E}$ is along line to center

+Q

+Δq

1

center

1'

1'

+Δq

$\vec{E}_1$

$\vec{E}_2$
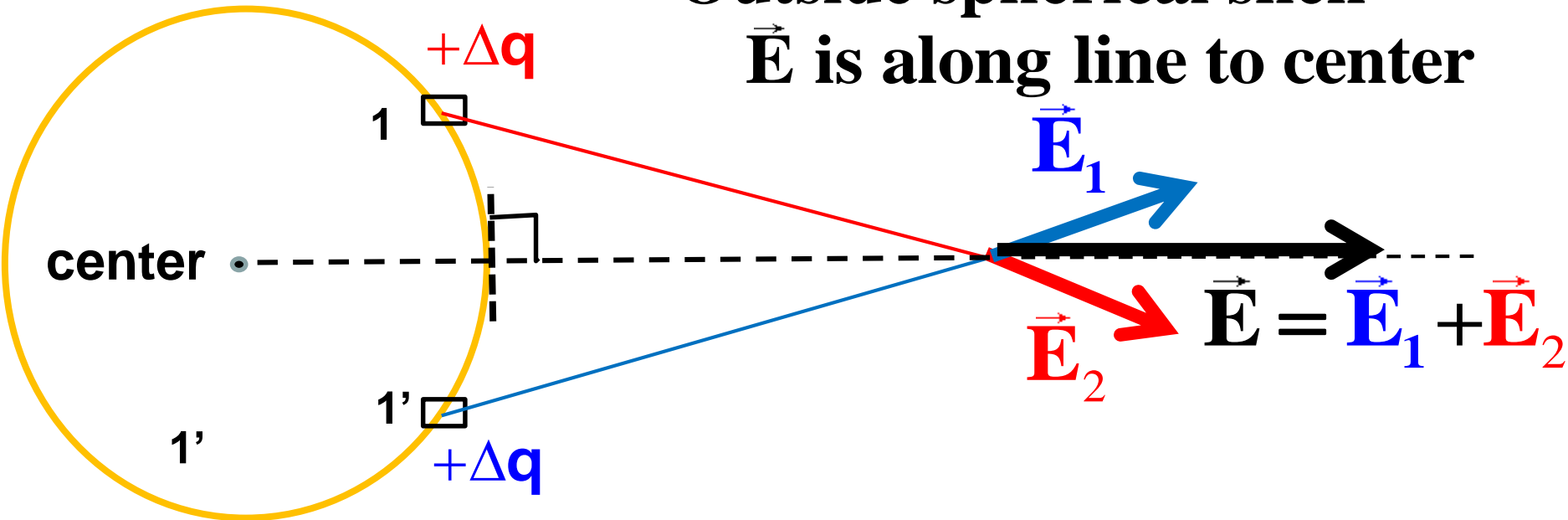
$\vec{E} = \vec{E}_1 + \vec{E}_2$

Above charged plane $\vec{E} = \vec{E}_1 + \vec{E}_2$

$\vec{E}_1$

$\vec{E}_2$

Similarly an infinite line charge will have $\vec{E}$ in the radial direction

+σ