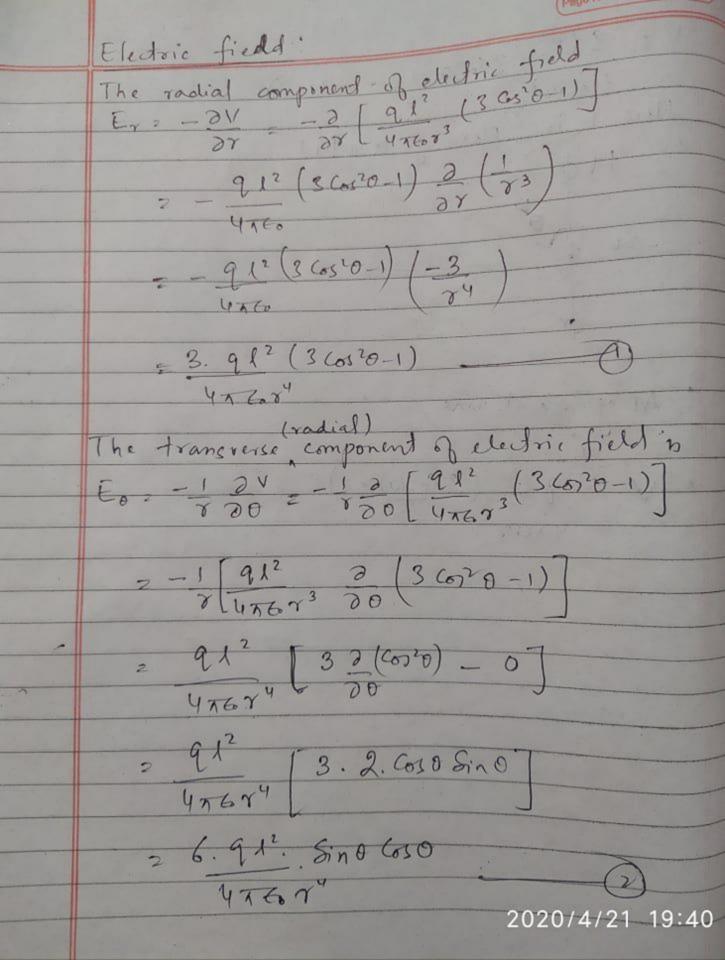


Electric field due to quadrupole 3000 1 6 200 pt



	Dato
	The net electric field is
	E= [E2+E2.
+	1 E = \(\left(\frac{3}{4}\left(\frac{3}{6}\cos^2\left(-1) \right)^2 + \left(\frac{6}{9}\left(\frac{2}{5}\in \text{coro} \right)^2 \\ \left(\frac{4}{16}\tau^4 \) \\ \left(\frac{4}{16}
1.	$E = \frac{391^2}{4768^4} \left[(3670-1)^2 + (25100600)^2 \right]$
2	1 E = 39t2 (9 cos o +1 - 6 cos o) + 4 sin 20 cos o
7	E = 3912 J9Cos 0+1-6 coro +4(1-coro) coro
7	E = 3912 J 9 CON 0 +1 -6 COS 0 + 4 COS 20 - 4 COS 40
1	E 2 3912 /56040 - 260320 +1 3
	Eq. 3 is required expression for E