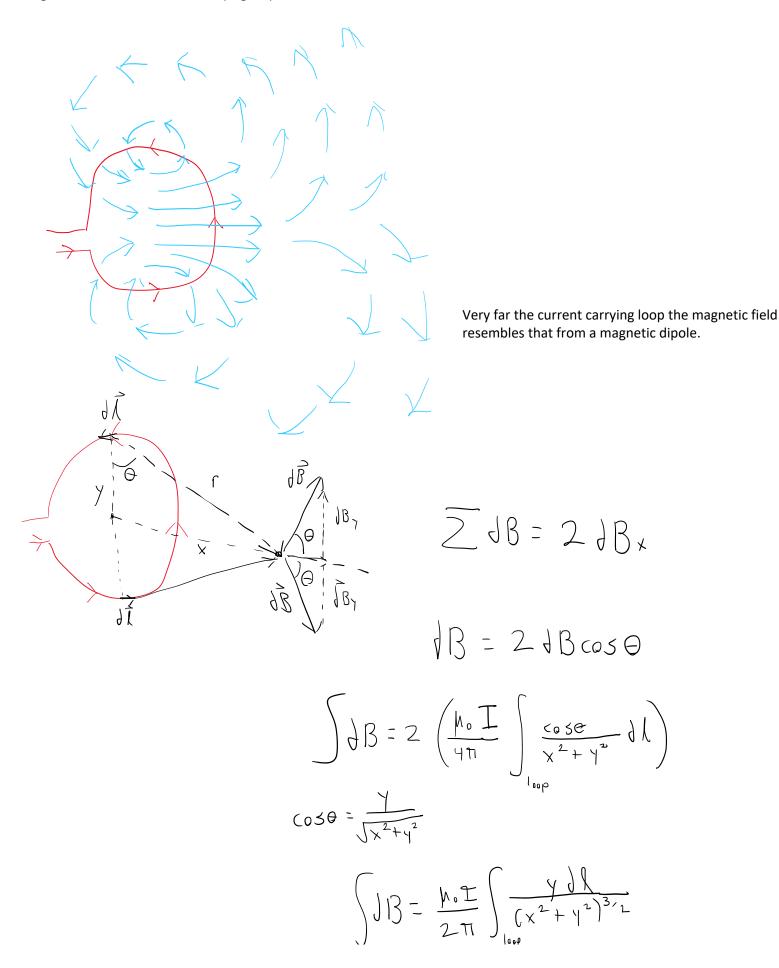
Magnetic field due to current carrying loop



$$JI3 = \frac{\mu \circ \bot}{2\pi} \int_{|\alpha \circ \rho|} (x^2 + y^2)^{3/2}$$

$$B = \frac{\mu \circ \bot}{2\pi} (x^2 + y^2)^{3/2} (2\pi y)$$

$$B = \frac{\mu \circ \bot}{(x^2 + y^2)^{3/2}} (2\pi y)$$

$$A = \frac{\mu \circ \bot}{(x^2 + y^2)^{3/2}}$$

$$A = 0$$

$$A = 0$$