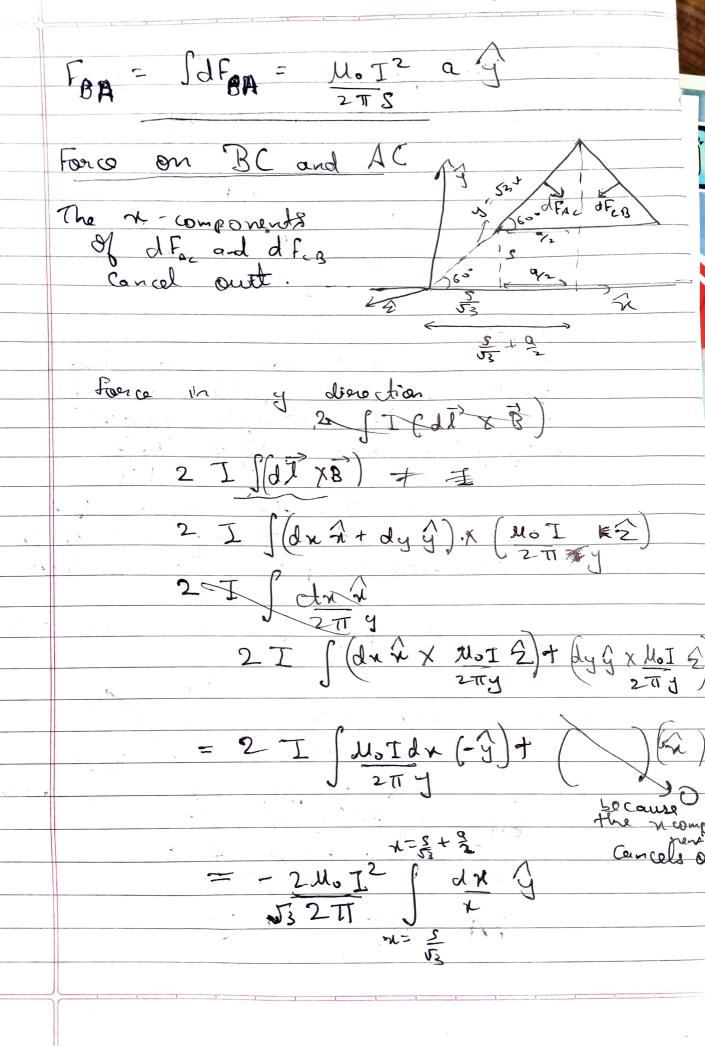
Q Find the borce on the toriangular loop in the given bigure Solution forom Biot-Savord's law, we know that magnetic field coround an infinit storaigh current coround coround coround and infinit storaigh current 2 TT 7. where 8 is the magnetic filed.
I is the everount and or is
the distance from the conduction and then add them: dFor= I(JIXB) /2. = I(-JXXXU0I2) & dFA= LOTZ dr g



ly (3 + -240] -240 I2 lu 8A · , F addiny we co i = 16]2 \(\frac{2}{5} - \frac{2}{13} \ln \) on ce 5