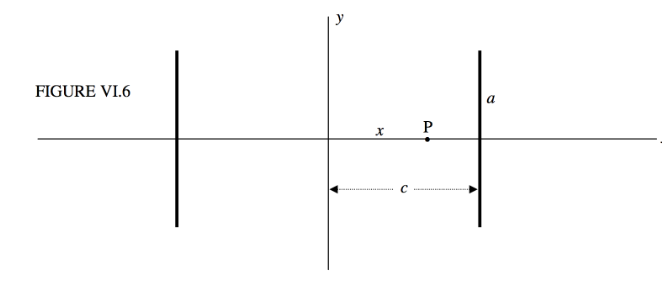
Helmholtz coil solutions

When assuming the origin to be center between the coils

a=27 in =

c= 12 in /2

Other helpful equations

Finding the number of coils

Wire ½ mm radius

make the magnetic field 10x earths to determine the effiicany of the magnetorquers

1. 1 u frame with constant density
2. 1 u frame with inconsistent density
3. 2 u frame
4. CS2 test