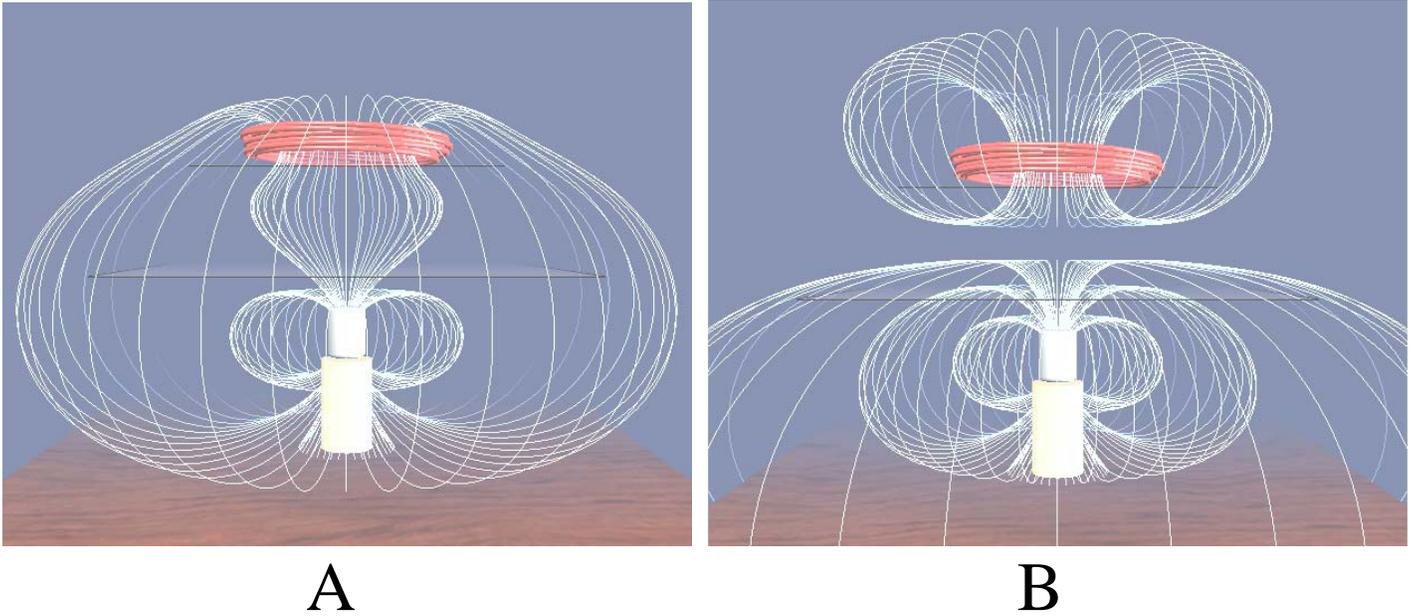


Consider field created by two loops of current. Which is true?

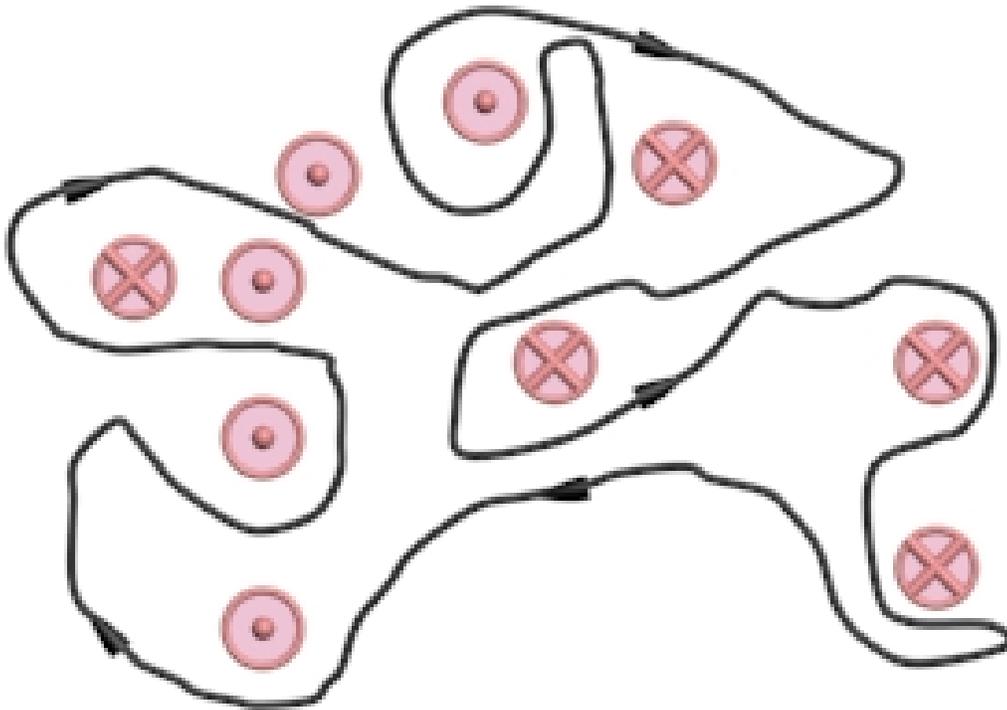
1. Currents parallel (top bigger); loops attracted
2. Currents parallel (bottom bigger); loops repelled
4. Currents anti-parallel (top bigger); loops repelled
3. Currents anti-parallel (bottom bigger); loops attracted
5. None of the above



Consider current carrying loop above a permanent magnet. Which is true?

1. (A) loop is repelled from magnet
(B) loop is attracted to the magnet
2. (A) loop is attracted to the magnet
(B) loop is repelled from magnet
3. Need more information
4. Don't know

Ampere's Law



Integrating B around the loop shown gives us

1. a positive number
2. a negative number
3. zero