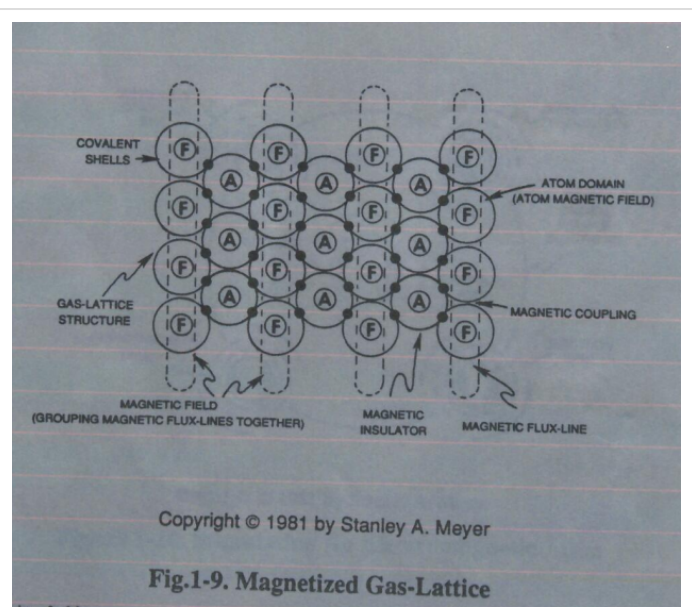
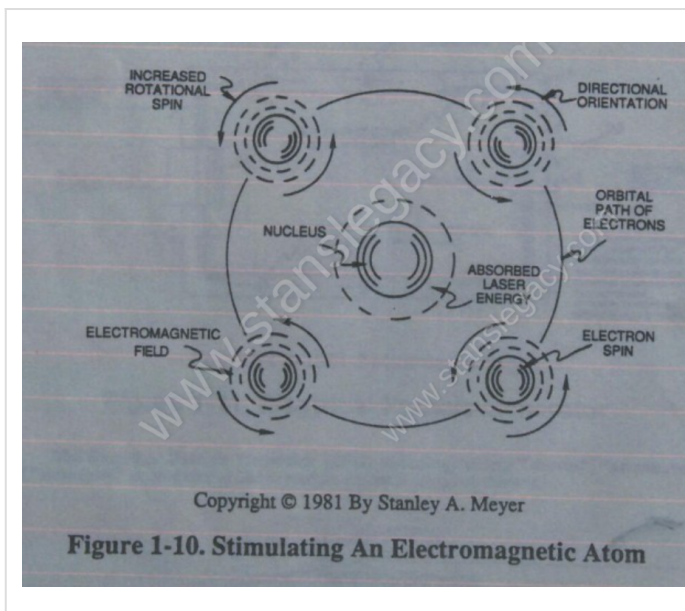


# Electromagnetic Enhancement

The newly "**structured**" Gas-Lattice becomes magnetized when, momentarily, exposed to a magnetic field, as illustrated in Figure 1-9.

Since the electrons of the **Iron ion** ( $\text{Fe}^+$ ) spin in one direction only (*SEE FIGURE 1-10*) (*Nickel ions and Cobalt ions in like manner*), the magnetic field of each Iron ion (*called Domains*) unite and form a "Discrete" magnetic field called an "**Magnetic Flux-Line**".



The **Magnetic Flux Line** follows the alignment of the **Iron ions** ( $\text{Fe}^+ \times \times \text{Fe}^+$ ) since **Argon ions** ( $\text{Ar}^+ \times \times \text{Ar}^+$ ) act as an "insulator" to the flow of magnetic Flux-Lines.

The **Argon** atom electrons tend to pair-off in orbits with opposite spins... preventing the formation of a second magnetic field.

Grouping the **Magnetic Flux-Lines** together forms an "**Stable**" magnetic field since the magnetic coupling-field between the Iron ions or Domains help to hold the Iron ions in an linear alignment beyond the bonding strength of the **Gas-Lattice**.

Magnetic Field Strength is "**measured**" in GAUSS UNITS and is determined by the linear volume of the Gas-Lattice.

---

Revision #1

Created 26 October 2024 18:45:57 by Chris Bake

Updated 26 October 2024 18:50:41 by Chris Bake