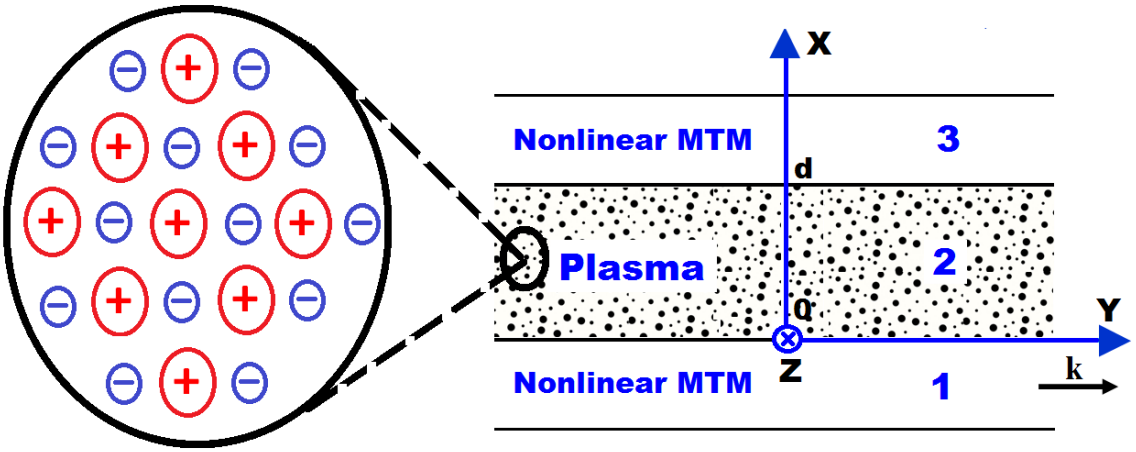
Plasma Physics Research Group



$$\nabla \cdot B = 0$$

$$\nabla \times E = -\partial B/\partial t$$

$$\epsilon_o \nabla \cdot E = \rho$$

$$\mu_o^{-1} \nabla \times B = J + \epsilon_o \frac{\partial E}{\partial t}$$

$$mn\left[\frac{\partial v}{\partial t} + (v \cdot \nabla)v\right] = qn(E + v \times B) - \nabla p$$

$$\frac{\partial n}{\partial t} + \nabla \cdot (nv) = 0$$

- Waves in Plasmas
- Linear and Nonlinear Waves
- Waves in Composite and Layered Media
- Waveguides . . . . .