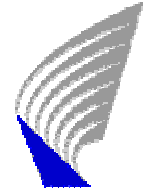




Materials with negative permittivity and permeability



$$\mathbf{D} = \epsilon \mathbf{E} \quad \mathbf{B} = \mu \mathbf{H}$$

$$\epsilon < 0, \quad \mu < 0$$

Materials with negative parameters

Backward-wave media

Materials with negative refraction index

Left-handed materials

Veselago media

Prof. Veselago in Espoo