$$\Delta L = L_o. \alpha. \Delta T$$

$$\Delta S = S_o. \beta. \Delta T$$

$$\Delta V = V_o. \gamma. \Delta T$$

$$\beta = 2.\alpha$$

$$\gamma = 2. \alpha$$

$$\beta = 2.\alpha$$

$$\Delta S = S_o \cdot \beta \cdot \Delta T$$