0 5.3

$$\frac{\partial L}{\partial a_1} = 2A(x_1 + x_2) + 2b(x_1 - x_2) = 0$$
 (1)

$$\frac{\partial L}{\partial n} = 2a(n_1 + n_2) - 2b(n_1 - n_2) = 0$$
 (2)