$$[x_e - x_h]^2 = [(x_e - A_x + A_x) - (x_h - B_x + B_x)]^2$$
$$= [(x_e - A_x) - (x_h - B_x) + (A_x - B_x)]^2$$
$$= [(x_e - A_x) - (x_h - B_x)]^2 + (A_x - B_x)^2 + 2(A_x - B_x)[(x_e - A_x) - (x_h - B_x)]$$
$$= (x_e - A_x)^2 + (x_h - B_x)^2 - 2(x_e - A_x)(x_h - B_x) + (A_x - B_x)^2 + 2(A_x - B_x)[(x_e - A_x) - (x_h - B_x)]$$

(1)

$$\phi_x(n_x, \alpha_x, A_x)$$
$$\phi(\mathbf{r}) = \phi_x(n_x, \alpha_x, A_x)\phi_y(n_y, \alpha_y, A_y)\phi_z(n_z, \alpha_z, A_z)$$

(2)