

$$p_{x2} = \exp(-a)p_{x1}, \quad (169)$$

$$p_{y2} = \exp(a)p_{y1}, \quad (170)$$

$$x_2 = \exp(a)x_1 + bp_{x1}, \quad (171)$$

$$y_2 = \exp(-a)y_1 - bp_{y1}, \quad (172)$$

$$z_2 = z_1 - (ax_1 + b(1 + a/2)p_{x2})p_{x1} + (ay_1 + b(1 - a/2)p_{y2})p_{y1}, \quad (173)$$

where

$$a = -K1F1 \frac{|F1|}{24p_1L}, \quad (174)$$

$$b = \frac{K1F2}{L}. \quad (175)$$