

$$p_{x2} = \exp(a)p_{x1}, \quad (179)$$

$$p_{y2} = \exp(-a)p_{y1}, \quad (180)$$

$$x_2 = \exp(-a)x_1 + bp_{x1}, \quad (181)$$

$$y_2 = \exp(a)y_1 - bp_{y1}, \quad (182)$$

$$z_2 = z_1 + (ax_1 - b(1 - a/2)p_{x2})p_{x1} - (ay_1 - b(1 + a/2)p_{y2})p_{y1}, \quad (183)$$

where

$$a = -K1F1 \frac{|F1|}{24p_1L}, \quad (184)$$

$$b = \frac{K1F2}{L}. \quad (185)$$