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

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

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

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

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

where

$$a = -\mathtt{K1F1}\frac{|\mathtt{F1}|}{24p_1\mathtt{L}}\,, \tag{184}$$

$$b = \frac{\mathtt{K1F2}}{\mathtt{L}}\,. \tag{185}$$