

$$\begin{aligned}
p_{x2} &= p_{x1} \cos \psi_2 + p_{z1} \sin \psi_2 , \\
x_2 &= x_1 \left( \cos \psi_2 + \frac{p_{x2}}{p_{z2}} \sin \psi_2 \right) , \\
y_2 &= y_1 + \frac{p_{y2}}{p_{z2}} x_1 \sin \psi_2 , \\
z_2 &= z_1 - x_1 \frac{p_2}{p_{z2}} \sin \psi_2 ,
\end{aligned}
\tag{100}$$

, where  $\psi_2 \equiv \text{ANGLE} \times \text{E2}$ .