$$T_{01} = \begin{cases} c_{0} - s_{0} & 0 \\ s_{0} & c_{0} & 0 \\ 0 & 0 & 1 \end{cases}$$

$$T_{12} = \begin{bmatrix} C_{\beta} & 0 & -S_{\beta} & L_{1} \\ 0 & 1 & 0 & 0 \\ S_{\beta} & 0 & C_{\beta} & b \\ 0 & 0 & 0 & 1 \end{bmatrix}$$

$$T_{23} = \begin{bmatrix} C_{Y} & 0 & -S_{Y} & L_{2} \\ 0 & 1 & 0 & 0 \\ S_{Y} & 0 & C_{Y} & b \\ 0 & 0 & a. & 1 \end{bmatrix}$$

$$T_{3-ee} = \begin{bmatrix} 1 & 0 & 0 & L_3 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}$$

On Multiplying, we get

$$\chi = C_{\chi} \left[L_{3} \cos \left(\beta + \chi \right) + Q \cos L_{2} C_{\beta} + B \right]$$

$$y = S_{\alpha} \left[L_3 \cos (\beta + Y) + L_2 C_B + 5 \right]$$

$$Z = L_3 \sin(\beta, \gamma) + looks \beta$$

Using vector addition,

 $\frac{1}{100} = \cos^{-1} \left(\frac{9^{2} + z^{2} - Lz^{2} - Lz^{2}}{2LzL3} \right)$

Also from the growth,

Lasin B+ Lasin (B+X)

On expanding and solving, we get $\beta = \sin^{-1}\left(\frac{[(10+15\cos Y)\times Z] + [15*\sin Y]\times ([\sqrt{3}\cos Y)^2 - L_1)]}{(L_2+L_3\cos Y)^2 + (L_3\sin Y)^2}\right)$ Hence we get all the Spirit angles.