$$R_{y}\left[-\left(\theta_{1}+\frac{\pi}{2}\right)\right] - R_{z}\left[-\left(\theta_{2}+\pi\right)\right] - R_{z}\left(\theta_{2}+\pi\right) - R_{y}\left(\theta_{1}+\frac{\pi}{2}\right) - R_{z}\left(\theta_{2}+\pi\right) - R_{z}\left(\theta_{3}+\pi\right) - R_{z}\left(\theta_{1}+\pi\right) - R_{z}\left(\theta_{2}+\pi\right) - R_{z}\left(\theta_{3}+\pi\right) - R_{z}\left(\theta$$