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A: (\alpha_A, \delta_A), SA: (\alpha_{SA}, \delta_{SA}). SA: \cos \delta_{SA} \cos \alpha_{SA} e_{chix} + \cos \delta_{SA} \sin \alpha_{SA} e_{chiy} + \sin \delta_{SA} e_{chiz}, SA: \cos \delta_{SA} \cos (\alpha_{SA} - \theta_1) e_{zhongx} + \cos \delta_{SA} \sin (\alpha_{SA} - \theta_1) e_{zhongy} + \sin \delta_{SA} e_{zhongz}, nan->xi, e_{zhongx} = \cos \theta_2 e_{diz} + \sin \theta_2 e_{dix}, e_{zhongz} = \sin \theta_2 e_{diz} - \cos \theta_2 e_{dix}, SA: \cos \delta_{SA} \cos (\alpha_{SA} - \theta_1) (\cos \theta_2 e_{diz} + \sin \theta_2 e_{dix}) + \cos \delta_{SA} \sin (\alpha_{SA} - \theta_1) e_{diy} + \sin \delta_{SA} (\sin \theta_2 e_{diz} - \cos \theta_2 e_{dix}), SA: (\cos \delta_{SA} \cos (\alpha_{SA} - \theta_1) \sin \theta_2 - \sin \delta_{SA} \cos \theta_2) e_{dix} + \cos \delta_{SA} \sin (\alpha_{SA} - \theta_1) e_{diy} + (\cos \delta_{SA} \cos (\alpha_{SA} - \theta_1) \cos \theta_2 + \sin \delta_{SA} \sin \theta_2) e_{diz} = \sin \theta_3 - \sin \delta_{SA} \sin \theta_2, \cos \delta_{SA} \sin (\alpha_{SA} - \theta_1) > 0, \sin (\alpha_{SA} - \theta_1) > 0, \sin (\alpha_{SA} - \theta_1) > 0, \theta_1 = \alpha_{SA} - \arccos(\frac{\sin \theta_3 - \sin \delta_{SA} \sin \theta_2}{\cos \delta_{SA} \cos \theta_2}). A: (\cos \delta_A \cos (\alpha_A - \theta_1) \sin \theta_2 - \sin \delta_A \cos \theta_2) e_{dix} + \cos \delta_A \sin (\alpha_A - \theta_1) e_{diy} + (\cos \delta_A \cos (\alpha_A - \theta_1) \cos \theta_2 + \sin \delta_A \sin \theta_2) e_{diz}.
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