

rotations \rightarrow pole, angle

a in reference to f , $\rightarrow P_{12}^{af}, \alpha_{12}^{af}$

b in reference to f , $\rightarrow P_{12}^{bf}, \alpha_{12}^{bf}$

a in reference to b , $\rightarrow P_{12}^{ab}, \alpha_{12}^{ab}$

angles

$$\alpha_{12}^{af} = \angle P_{12}^{ab} P_{12}^{af} P_{12}^{bf}$$

$$\alpha_{12}^{bf} = \angle P_{12}^{ab} P_{12}^{bf} P_{12}^{af}$$

$$\alpha_{12}^{ab} = \angle P_{12}^{af} P_{12}^{ab} P_{12}^{bf}$$

sign rule

$$\alpha_{12}^{af} = -\alpha_{12}^{fa}$$

sum

$$\alpha_{12}^{af} + \alpha_{12}^{fb} + \alpha_{12}^{ba} = 0$$

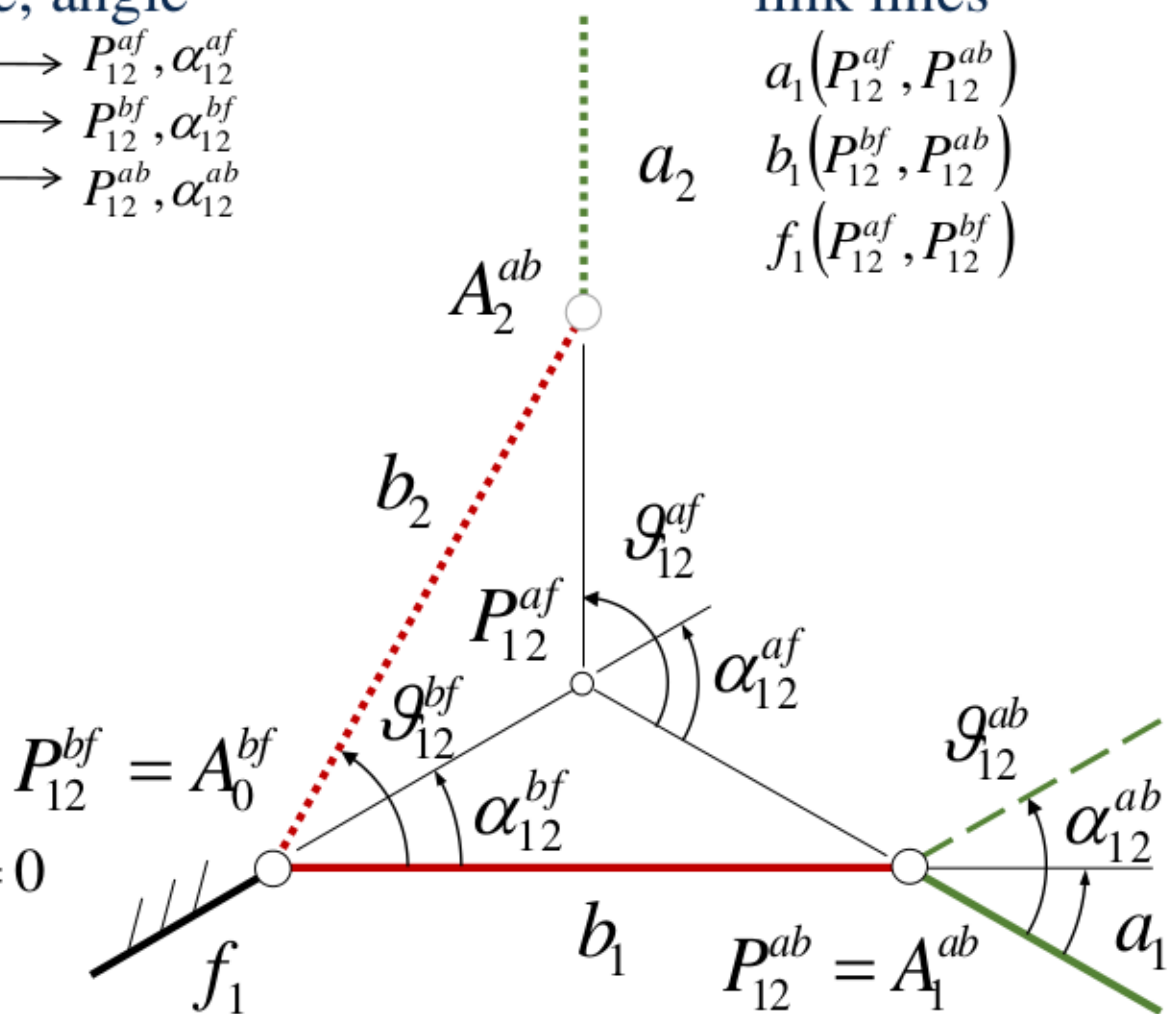


link lines

$$a_1(P_{12}^{af}, P_{12}^{ab})$$

$$b_1(P_{12}^{bf}, P_{12}^{ab})$$

$$f_1(P_{12}^{af}, P_{12}^{bf})$$



two positions of a RR-chain $A_0^{bf} A_1^{ab}$