$$^{b_1}\boldsymbol{T}_{b_2} = \underset{T}{argmin} \sum_{l}^{N_c} ||\,^{b_1}\boldsymbol{T}_{b_2}\,^{b_2}\boldsymbol{p}_l - {}^{b_1}\boldsymbol{p}_l||^2$$

$$\text{if } N_c \geq 3$$