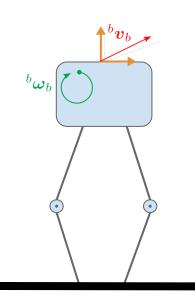
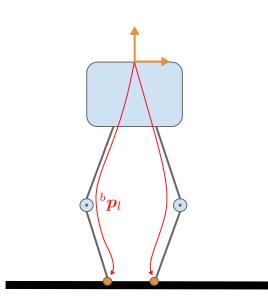


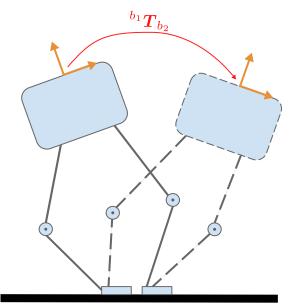
$$egin{aligned} egin{aligned} egin{aligned} b_1 oldsymbol{T}_{b_2} &= argmin \sum_l^{N_c} ||\ ^{b_1} oldsymbol{T}_{b_2}\ ^{b_2} oldsymbol{p}_l - ^{b_1} oldsymbol{p}_l ||^2 \ & ext{if } N_c \geq 3 \end{aligned}$$



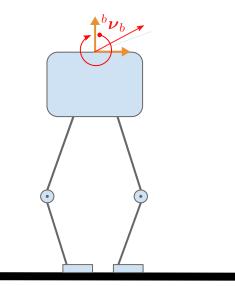
$$egin{aligned} {}^boldsymbol{v}_b = & - {}^boldsymbol{v}_l - {}^boldsymbol{\omega}_b imes {}^boldsymbol{p}_l \ & orall \ l \in [1..N_c] \end{aligned}$$



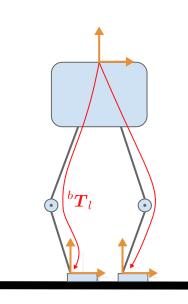
direct



 $egin{aligned} ^{b_1}oldsymbol{T}_{b_2} &= \ ^{b_1}oldsymbol{T}_l \ ^{b_2}oldsymbol{T}_l^{-1} \ &orall \ l \in [1..N_c] \end{aligned}$



$$^{b}oldsymbol{
u}_{b}=-^{b}oldsymbol{
u}_{bl} \ orall \ l\in\left[1..N_{c}
ight]$$



direct