

1. Modern Robotics: Exercise 4.6
2. Modern Robotics: Exercise 4.9
3. Modern Robotics: Exercise 5.8 - (a)

Note: in modern robotics, body screw axis  $\mathcal{B}_i$  means the screw axis of joint  $i$  expressed in frame b, i.e.  ${}^b\mathcal{S}_i$  in our notation.