

Exercise 6 (august 2006)

- ① Find the quaternion q , corresponding to a rotation around the axis $(x, y, z) = (1, 0, 1)$ with angle 180°
- ② Find the quaternion p corresponding to a rotation around the axis $(x, y, z) = (0, 1, 1)$ with angle 180°
- ③ Compute pq
- ④ Find axis and angle for composed rotation consisting of the rotation in ① followed by the rotation in ②.