

Chapter 4

Motion Generation

This chapter is still under construction. Chapter is based mainly on

1. Chen, C., Bai, S.P. and Angeles, J., 2008, “A comprehensive solution of the classic Burmester problem,” *CSME Transactions*, Vol. 32, No. 2, pp. 137–154.
2. Angeles, J. and Bai, S.P., 2010, “A robust solution of the spherical Burmester problem,” *Proc. ASME 2010 Int. Design Engineering Technical Conferences & Computers and Information in Engineering Conference IDETC/CIE 2010*, August 15–18, 2010, Montreal, paper DETC2010-28189.

Recommended reading:

1. Bai, S.P. and Angeles, J., 2012, “A robust solution of the spatial Burmester problem,” *ASME J. Mechanisms and Robotics*, Vol. 4, No. 3, pp. 031003-1–031003-10.
2. Chiang, C.H., 1988, *Kinematics of Spherical Mechanisms*, Cambridge University Press, Cambridge.
3. McCarthy, J.M. and Soh, G.S., 2011, *Geometric Design of Linkages*, Springer, New York.