

Carleton University
Department of Mechanical and Aerospace Engineering

MECH 5507
Advanced Kinematics

References

Some useful reference books for the issues considered in this course are listed below according to topic. The books indicated by [·], are listed together at the end of the enumerated list.

1. ISOMETRY: [1].
2. EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY: [2, 3, 4, 5, 6, 1, 7, 8, 9, 10].
3. LINE GEOMETRY: [5, 4, 11].
4. KINEMATIC GEOMETRY: [12, 13, 14].
5. COMPUTATIONAL GEOMETRY AND NUMERICAL ANALYSIS: [15, 16, 17].
6. MECHANISMS: [18, 19, 20, 21].
7. KINEMATICS AND DYNAMICS OF ROBOTS: [22, 23].

References

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