

- (a) Introduction
 - (i) What is it? Diagram!
- (b) Finite Kinematic Analysis
 - (i) Method 1: D-H Formulation
 - i. Derive kinematic equation using D-H matrices, present Table of D-H parameters
 - (ii) Method 2: Derive Shape/Joint Matrices
 - i. Solution for the direct and inverse kinematic
 - (iii) Numerical Example
- (c) Differential Kinematic Analysis
 - (i) Derive the Jacobian using two methods
 - (ii) Write velocity equation
- (d) Conclusions
- (e) References