

Open kinematic chains (kinematics)

David Mauricio Alba Lucero
José Luis Pérez Díaz
Ignacio Valiente Blanco
Efrén Díez Jiménez

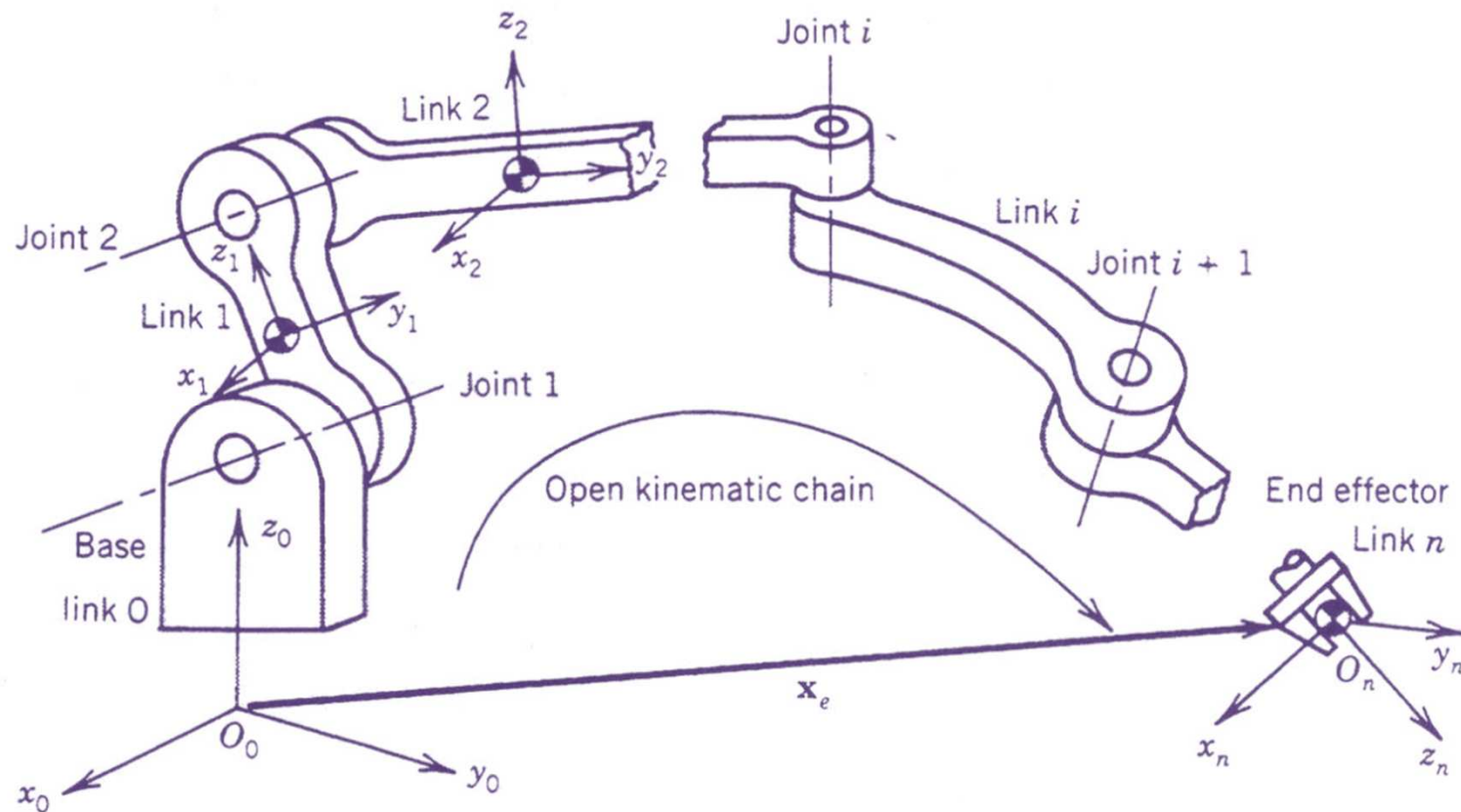


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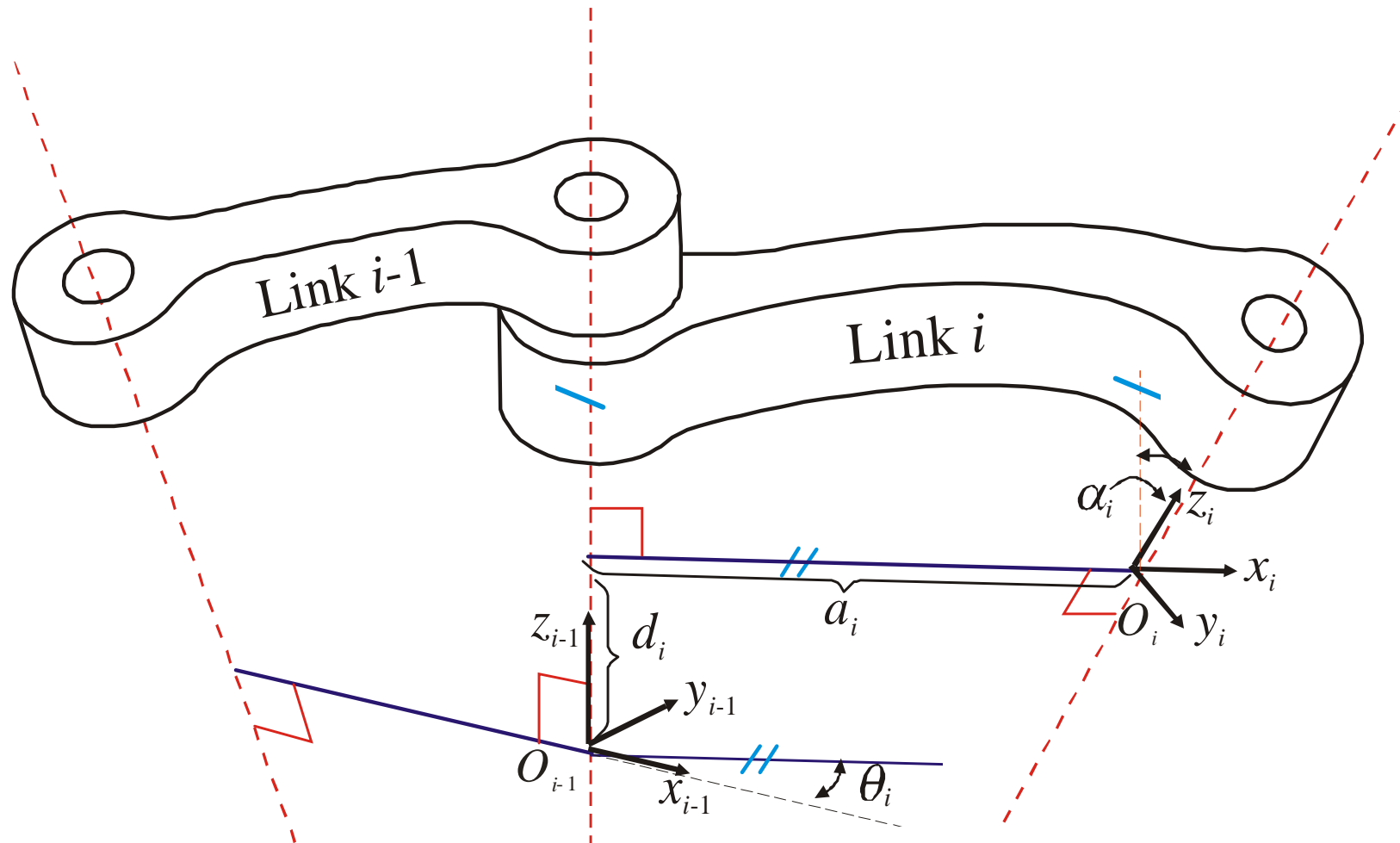


Kinematic modeling of manipulator arms



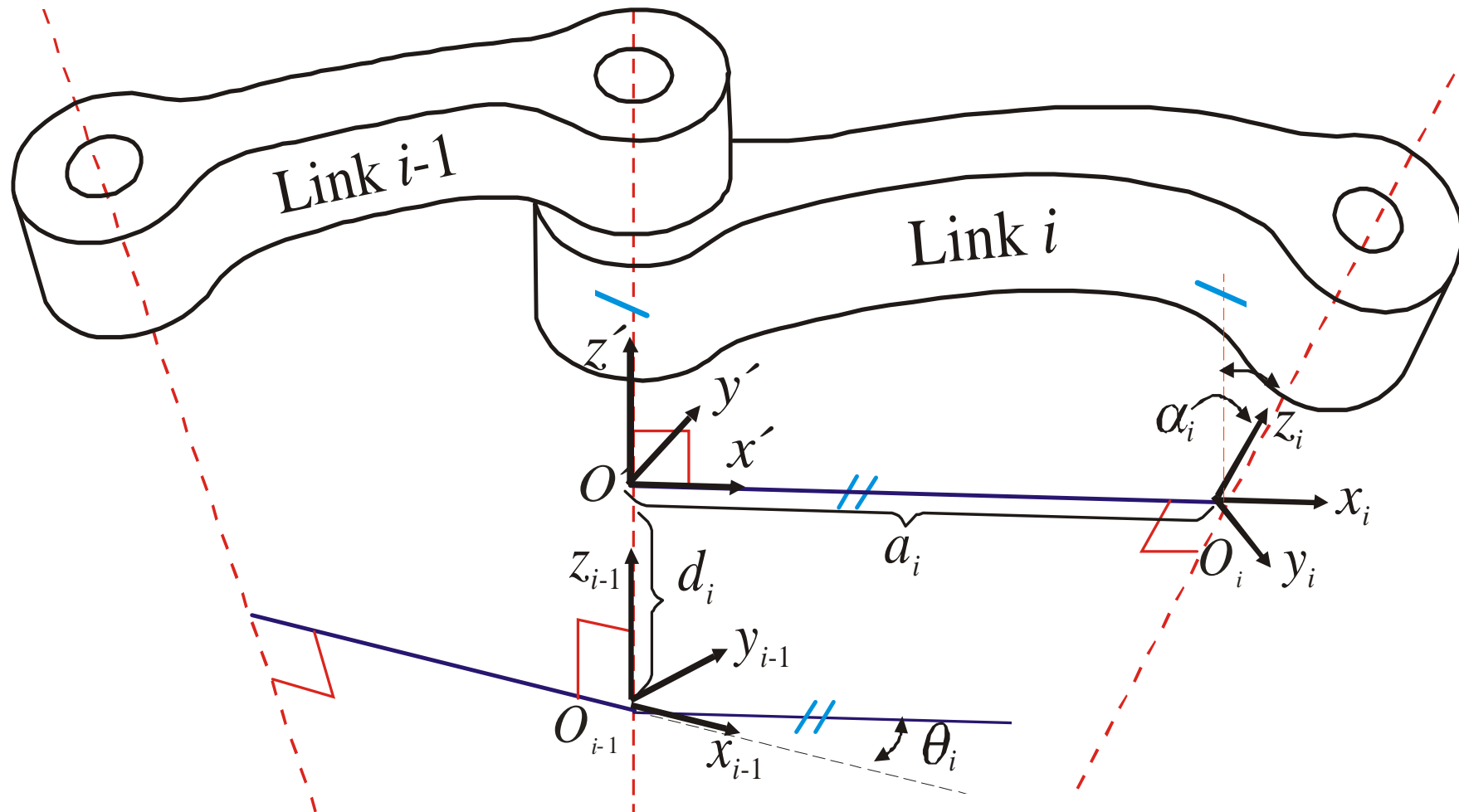


Denavit-Hartenberg notation



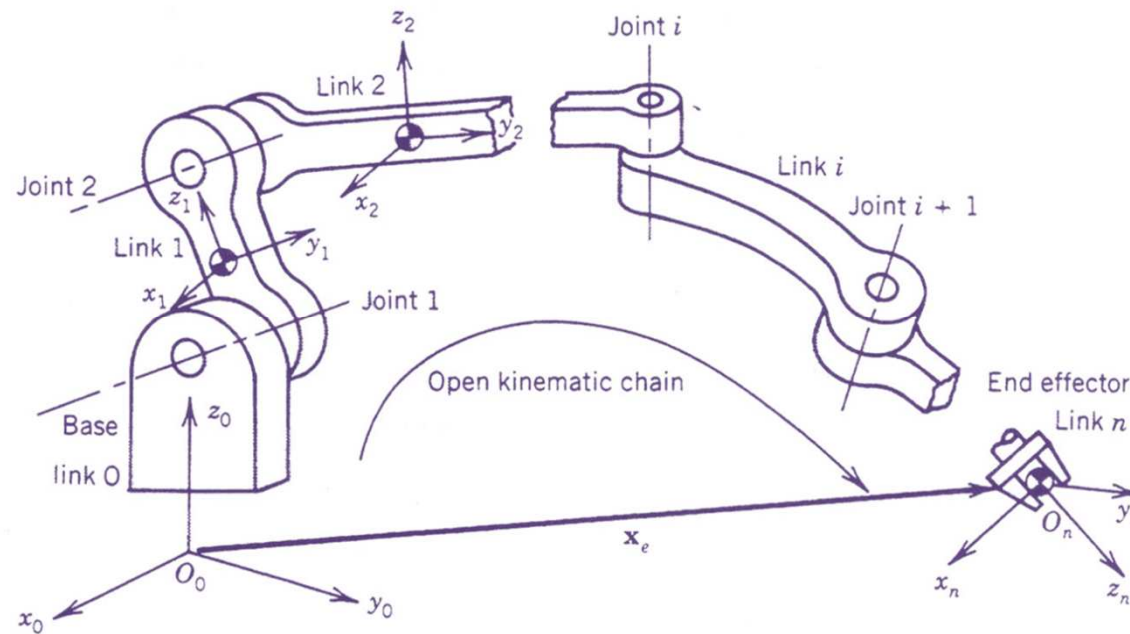


Denavit-Hartenberg notation



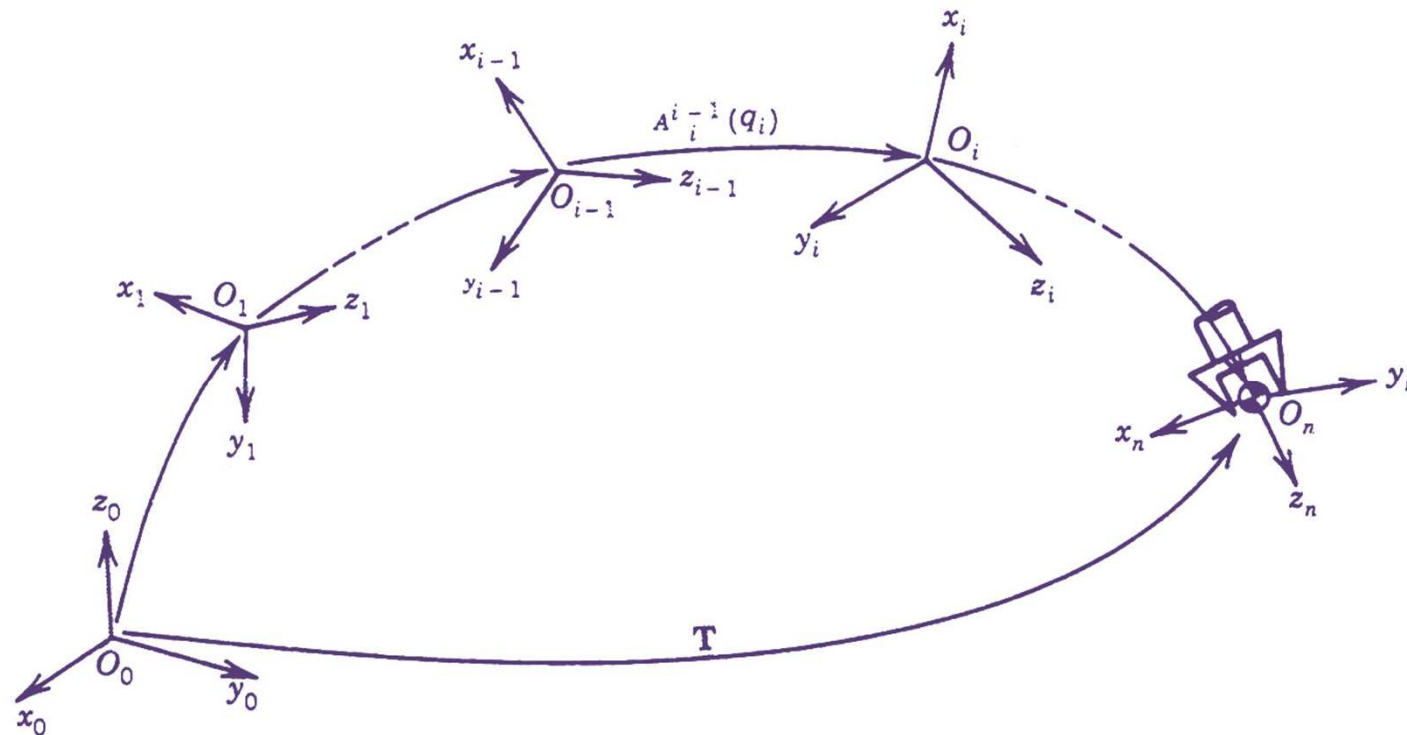


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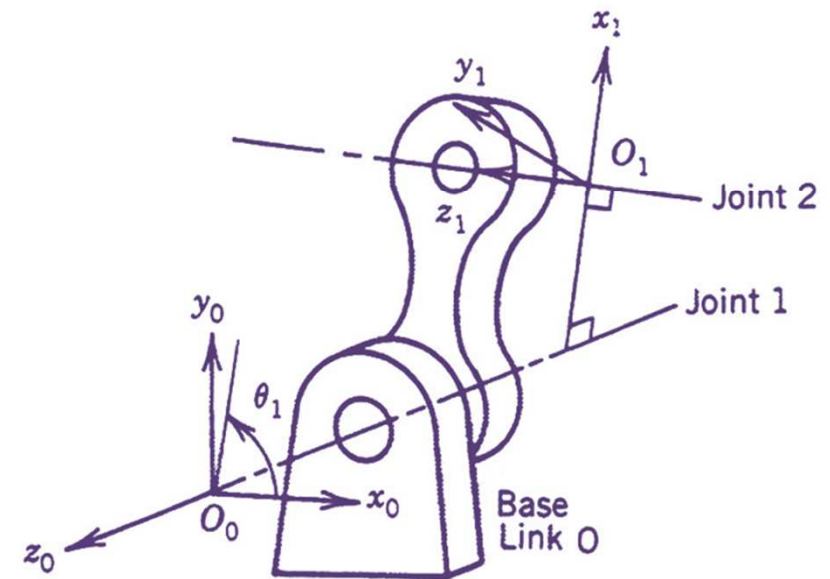
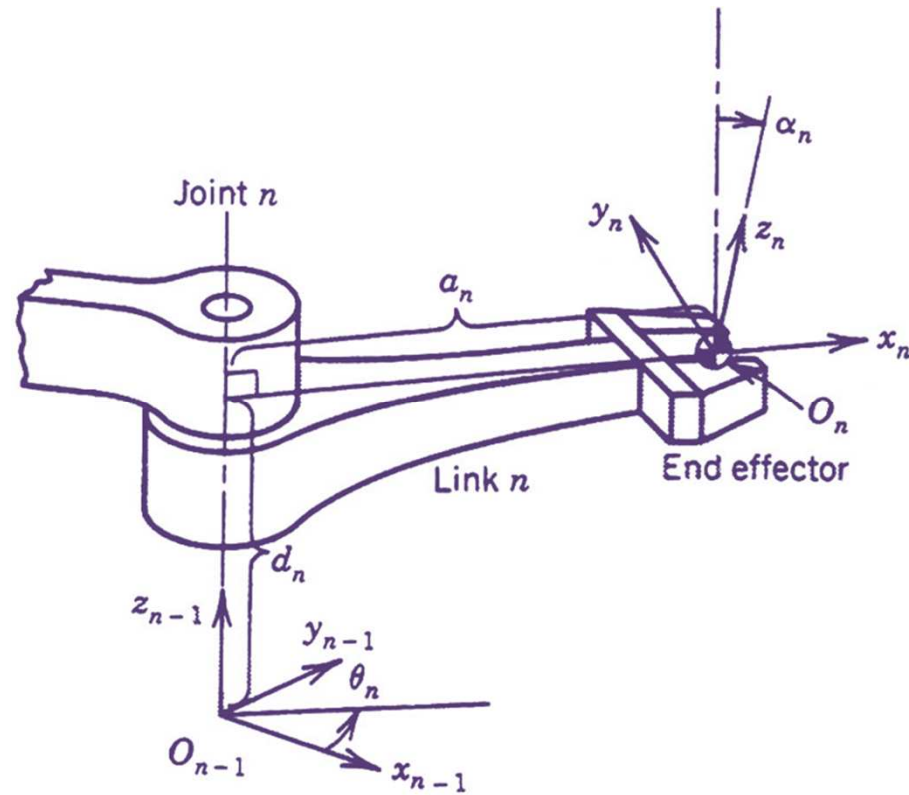


Kinematic modeling of manipulator arms



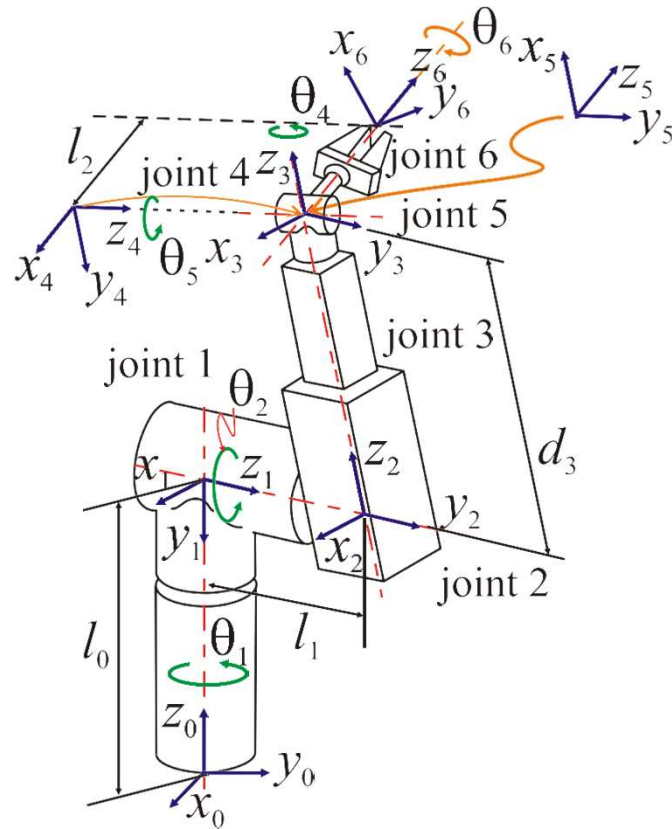


Kinematic modeling of manipulator arms





Example





References

- Asada H. and Slotine, J. Robot Analysis and control.
- Spong, Mark. Robot control.