

Bricard 6R Mechanism

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If a 6R serial-link robot arm would grasp its own base, the expectation is that resulting linkage would be rigid. However, special cases exist where such a linkage can move. One special case is the Bricard 6R mechanism. By using Bertini, one can show that the motion is an irreducible curve of degree 8.

***** Decomposition by Degree *****

Dimension 1: 1 classified component

degree 8: 1 component
