

## Key words

### Chapter-2

Primary Hamming number

Secondary Hamming number

Distinct link pair

Distinct joint

Avoiding adjacent link pair

Simple jointed kinematic chain

Parent kinematic chain

Link Hamming numbers, link Hamming strings, chain Hamming string (primary and secondary)

Isomorphism

### Chapter 3

Inversion

Best inversion (path generation, function generation)

### Chapter 4

Total freedom

Partial freedom

Fractionated freedom

Actuator pair

Frame

### Chapter 5

Family

Link assortment

Joint values

Loop values

Square of primary Hamming elements

### Chapter 6

Structural error

Symmetry