

ISO 841:2001-10 (E)

Industrial automation systems and integration - Numerical control of machines - Coordinate system and motion nomenclature

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Machine coordinate system	1
4.1	Designation	1
4.2	Origin	2
4.3	Z axis	2
4.4	X axis	2
4.5	Y axis	3
4.6	Rotary axes A, B and C	3
5	Principal machine motions	3
5.1	Designation	3
5.2	Direction	3
6	Additional motions	4
6.1	Linear motions	4
6.2	Rotary motion	4
6.3	Letter restrictions	4
6.4	Direction	4
7	Schematic drawings of machines	4
7.1	Examples of machine drawings	4
7.2	Designation	5
Annex A (normative)	Examples of machine motions	6