

DIN 92419:2020-01 (E)

Principles of the ergonomic design of assistive systems

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions.....	5
4 Design principles and associated recommendations	6
4.1 General	6
4.2 Acceptance.....	7
4.2.1 Description.....	7
4.2.2 Recommendation 1.....	7
4.2.3 Recommendation 2.....	7
4.2.4 Recommendation 3.....	8
4.2.5 Recommendation 4.....	8
4.2.6 Recommendation 5.....	8
4.3 Safety, security and privacy	8
4.3.1 Description.....	8
4.3.2 Recommendation 1.....	9
4.3.3 Recommendation 2.....	9
4.3.4 Recommendation 3.....	9
4.3.5 Recommendation 4.....	9
4.4 Optimization of the resultant internal load.....	10
4.4.1 Description.....	10
4.4.2 Recommendation 1.....	10
4.4.3 Recommendation 2.....	10
4.5 Controllability	10
4.5.1 Description.....	10
4.5.2 Recommendation 1.....	10
4.5.3 Recommendation 2.....	11
4.6 Adaptability.....	11
4.6.1 Description.....	11
4.6.2 Recommendation 1.....	11
4.6.3 Recommendation 2.....	11
4.6.4 Recommendation 3.....	11
4.7 Perceptibility and recognizability	11
4.7.1 Description.....	11
4.7.2 Recommendation 1.....	12
4.7.3 Recommendation 2.....	12
Annex A (informative) Overview of principles and recommendations.....	13
Bibliography	15