

# ISO/IEC 17549-2:2020-02 (E)

## Information technology - User interface guidelines on menu navigation - Part 2: Navigation with 4-direction devices

---

Contents	Page
Foreword .....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	1
4 Conformity .....	2
5 Basic considerations .....	2
5.1 Common and general ergonomic aspects .....	2
5.2 Designing rendering (display screen, audio display, tactile display) .....	4
5.2.1 Visual design of ladder menu .....	4
5.2.2 Visual designing of tile menu .....	4
6 Recommended practice on structure of, and operation of, ladder menus .....	4
6.1 Ladder structure .....	4
6.2 Recommended types of operation of the ladder menus for the hierarchy .....	5
7 Recommended practices on structure of and operation of tile menus .....	7
7.1 Structure of tile menus .....	7
7.2 Navigation for selecting tile menus .....	7
7.3 Recommended types of operation of the tile menus for the hierarchy .....	8
Annex A (informative) Advantages and disadvantages depending on navigation types .....	10
Bibliography .....	12