

DIN EN ISO 9241-16:2000-03 (E)

Ergonomic requirements for office work with visual display terminals (VDTs) - Part 16: Direct manipulation dialogues (ISO 9241-16:1999); English version of DIN EN ISO 9241-16

| Contents | Page |
|---|-------------|
| 1 Scope | 5 |
| 2 Normative references | 6 |
| 3 Terms and definitions | 6 |
| 4 Application of this part of ISO 9241 | 8 |
| 4.1 Appropriateness of direct manipulation dialogues | 8 |
| 4.2 Applying the recommendations | 9 |
| 4.3 Evaluation of products | 10 |
| 5 General information | 10 |
| 5.1 Metaphors | 10 |
| 5.2 Appearance of objects used in direct manipulation | 11 |
| 5.3 Feedback | 12 |
| 5.4 Input devices | 13 |
| 6 Manipulation of objects | 14 |
| 6.1 General considerations | 14 |
| 6.2 Pointing and selecting | 15 |
| 6.3 Dragging | 18 |
| 6.4 Sizing of objects | 19 |
| 6.5 Rotating | 20 |
| 7 Additional recommendations for direct manipulation of text objects | 21 |
| 7.1 Pointing and selecting | 21 |
| 7.2 Sizing of text | 21 |
| 8 Additional recommendations for direct manipulation of windows | 21 |
| 8.1 General considerations | 21 |
| 8.2 Pointing and selecting | 22 |
| 8.3 Sizing of windows | 22 |
| 9 Additional recommendations for direct manipulation of control icons | 23 |
| 9.1 Pointing and selecting | 23 |
| Annex A (informative) Sample procedure for assessing applicability and adherence | 25 |
| Bibliography | 35 |