ISO 704:2022-07 (E)

Terminology work - Principles and methods

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Reality and language 2

5 Concepts 3
5.1 Overview 3
5.2 General concepts 3
5.3 Individual concepts 4
5.4 Characteristics 4
5.4.1 General 4
5.4.2 Terminological analysis 5
5.4.3 Intension and extension 7
5.4.4 Essential characteristics and non-essential characteristics 7
5.4.5 Shared characteristics and delimiting characteristics 7
5.5 Concept relations 8
5.5.1 General 8
5.5.2 Types 8
5.5.3 Notations 8
5.5.4 Hierarchical relations 9
5.5.5 Associative relations 23
5.6 Concept systems 25
5.6.1 General 25
5.6.2 Development and visualization 25
5.6.3 Types 26

6 Definitions 33
6.1 General 33
6.2 Intensional definitions 33
6.3 Extensional definitions 34
6.4 Writing definitions 34
6.4.1 General 34
6.4.2 Nature of intensional definitions 34
6.4.3 Writing intensional definitions 35
6.4.4 Applying the substitution principle 39
6.4.5 Writing extensional definitions 39
6.4.6 Indicating a domain or subject 41
6.5 Deficient definitions 41
6.5.1 General 41
6.5.2 Circular definitions 42
6.5.3 Inaccurate definitions 43
6.5.4 Negative definitions 44
6.6 Information supplementing or replacing definitions 45
6.6.1 General 45
6.6.2 Contexts 45

6.6.3 Encyclopaedic descriptions 46
6.6.4 Explanations 46
6.6.5 Notes 47
6.6.6 Examples 47
6.6.7 Other descriptions 47
6.7 Indicating sources 48

7 Designations 48
7.1 General 48
7.2 Types 48
7.3 Terms 49
7.3.1 General 49
7.3.2 Types of terms 49
7.3.3 Types of appellations 49
7.3.4 Nomenclatures 50
7.4 Proper names 50
7.4.1 General 50
7.4.2 Types 51
7.5 Symbols 51
7.6 Formation of terms (including appellations) and proper names 53
7.6.1 General 53
7.6.2 Principles 54
7.7 Relations between designations and concepts 57
7.7.1 Mononymy and monosemy 57
7.7.2 Synonymy 57
7.7.3 Equivalence 57
7.7.4 Antonymy 58
7.7.5 Polysemy and homonymy 58
7.7.6 Harmonization 58
7.7.7 Acceptability rating 58

Annex A (informative)Othertypesofdefinitions 60

Annex B (informative) Examples of term formation methods 65

Annex C (informative) Appellations and proper names 70

Bibliography 77