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Information technology - Vocabulary - Part 37: Biometrics

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

This document is Part 37 of GB/T 5271 "Information Technology Vocabulary". GB/T 5271 has released the following parts.

- Part 1. Basic terminology;
- Part 2. Arithmetic and logical operations;
- Part 3. Equipment Technology;
- Part 4. Data organization;
- Part 5. Data Representation;
- Part 6. Data preparation and processing;
- Part 7. Computer Programming;
- Part 8. Safety;

- Part 9.Data Communication;
- Part 10.Operation technology and facilities;
- Part 11.Processor;
- Part 12.Peripheral equipment;
- Part 13.Computer Graphics;
- Part 14.Reliability, maintainability and availability;
- Part 15.Programming Language;
- Part 16.Information Theory;
- Part 17.Database;
- Part 18.Distributed data processing;
- Part 19.Simulation calculation;
- Part 20.System Development;
- Part 22.Calculator;
- Part 23.Text Processing;
- Part 24.Computer Integrated Manufacturing;
- Part 25.Local Area Network;
- Part 26.Open System Interconnection;
- Part 27.Office Automation;
- Part 28.Basic concepts of artificial intelligence and expert systems;
- Part 29.Artificial Intelligence Speech Recognition and Synthesis;
- Part 31.Artificial Intelligence Machine Learning;
- Part 32.Email;
- Part 34.Artificial Intelligence Neural Network;
- Part 36.Learning, Education and Training;
- Part 37.Biometric identification.

This document replaces GB/T 26238-2010 "Information Technology Biometric Terms", compared with GB/T 26238-2010, except

In addition to structural adjustments and editorial changes, the main technical changes are as follows.

a) Added "data terminology in biometric identification system" (3.3), "equipment terminology" (3.4) and "functional terminology" (3.5) category;

b) Added "mode" (3.2.5), "multimodal" (3.2.6), "system participation rate" (3.2.7), "anonymous biometric data record" (3.3.1), "Biometric Identification Application Database" (3.3.2), "Biometric Identification Decision" (3.3.12), "Biometric Reference Number" (3.3.17), "Biometric Reference Data Record" (3.3.18), "Biometric Representation" (3.3.20), "Biometric Verification Decision" (3.3.23), "Fraudulent Biometric Registration Data Record" (3.3.29), "Matched" (3.3.32), "Unmatched" (3.3.34), "Compliant Biometric Reference Ratio" (3.3.38), "Biometric Reference Ratio" (3.3.39), "Registration Qualification Rate" (3.3.40), "Reference Aging" (3.3.41), "Reference Update" (3.3.42), "Renewable Biometric Reference" (3.3.43), "Biological Characteristics Acquisition process" (3.5.1), "Acceptable biometric collection attempts" (3.6.1), "Biometric collection" (3.6.3), "Biometrics Sign identification error acceptance" (3.6.5), "Biometric identification error rejection" (3.6.6), "Collection task" (3.6.9), "cognitive presentation" (3.6.11), "Conformity Collection Attempt" (3.6.12), "Cooperative Presentation" (3.6.13), "Negative Biometric Claim" (3.6.14), "Non-conformity collection attempt" (3.6.15), "Non-concerned presentation" (3.6.16), "Affirmative biometric claim" (3.6.17), "No Acceptable collection attempts" (3.6.18), "non-cooperative presentation" (3.6.19), "no cognitive presentation" (3.6.22), "collection subject training" (3.6.23), "Familiarity of the collecting subject" (3.6.24), "Biometrics presenting attack" (3.6.25), "Biometrics collecting to evade attack" (3.6.26), "Biometric Interference Attack" (3.6.27), "Biometric Concealed Attack" (3.6.28), "Biometric Counterfeit Attack" (3.6.29), "cooperate" (3.6.30), "conform" (3.6.31), "cognitive" (3.6.32), "biological characteristic examiner" (3.7.4), "Biometric Recognition Operator" (3.7.7), "Cooperating Biometric Collection Subject" (3.7.11), "Biometric Concealment"

"Saboteur" (3.7.12), "Don't care about the subject of biometrics collection" (3.7.14),
 "Non-destructive biometrics collection subject"
 (3.7.15), "Non-destructive users" (3.7.16), "Uncooperative biometric collection subjects"
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 "Hidden person" (3.7.21), "Biometric identification evader" (3.7.22), "Biometric identification
 interference person" (3.7.23), "Skilled collection"
 "Subject" (3.7.24), "Unskilled Collection Subject" (3.7.25), "Collection Failure" (3.9.5),
 "Comparison Test" (3.9.12), "Quality Obtained
 Points" (3.9.13), "Quality" (3.9.14), "Biometric Related Characteristics" (3.9.15), "Biometric
 Utility" (3.9.16), "Experience"
 "Acceptance" (3.9.17), "Acceptance" (3.9.18), "True System Acceptance" (3.9.19), "True
 Biometric Claim" (3.9.17), "Acceptance" (3.9.18)
 (3.9.20), "True System Rejection" (3.9.21) and "Fake Biometric Claim" (3.9.22) 70 terms;
 c) Deleted "anonymous biometric data", "biometric data block", "biometric information
 record", "biometric instance", and "claimed"

8 terms. "identity", "acquisition", "identity concealer" and "experiment";

d) "Biometric characteristics" (3.1.2), "Biometric Collection Subsystem" (3.2.1), "Biometric
 Identification System" (3.2.2),
 "Biometric identification application decision" (3.3.3), "Biometric identification candidate"
 (3.3.4), "Biometric identification candidate list"
 Table" (3.3.5), "Biometric Model" (3.3.13), "Biometric Attributes" (3.3.15), "Biometric
 Identification Candidate Score"
 (3.3.24), "comparison decision" (3.3.26), "distance score" (3.3.28), "intermediate biometric
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 Points" (3.3.35), "Unidentified Biometric Data" (3.3.37), "Biometric Collection Equipment"
 (3.4.1), "Biometric Collection"
 "Process" (3.5.2), "Biometric Registration" (3.5.3), "Intermediate Biometric Sample
 Processing" (3.5.9), "Prohibited Entry" (3.5.14), "Health
 Characteristic claim" (3.6.4), "Biometric presentation" (3.6.7), "Biometric identification
 assistant" (3.7.2), "Biometric note"
 "Biometric identification system operator" (3.7.8), "Biometric identification counterfeit"
 (3.7.13), "Biometric identification system operator" (3.7.6), "Biometric identification system"