

FACE AUTHENTICATION APPARATUS, FACE AUTHENTICATION METHOD,
PROGRAM, AND RECORDING MEDIUM

ABSTRACT

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The present invention provides a new face authentication apparatus that can easily prevent impersonation using a face photograph. A face authentication apparatus 10 of the present invention includes: a storage unit 11 that stores determination reference information relating to a positional relationship between a face and a part other than the face in a human skeleton; an
10 image acquisition unit 12 that acquires an image of a subject; an extraction unit 13 that extracts face information and skeleton information from the image; a position determination unit 14 that determines whether a positional relationship between a position of a face based on the extracted face information and a position of a skeleton based on the extracted skeleton information in the image is normal or abnormal based on the determination reference information; and an output
15 unit 15 that outputs that the subject of the image is non-authenticatable when the skeleton information is not extracted by the extraction unit 13 and/or when the positional relationship is determined to be abnormal by the position determination unit 14.

[FIG. 1]

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