## ISO Geodetic Registry

Item class Transformation

Name ITRF94 to JGD2000 [GSIv1]

Item statusVALIDIdentifier619

Information source Title Concept of the New Japanese Geodetic System

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Sasaki, H. Shigematsu, H. Yamao, T. Inukai, M. Ohtaki, K. Kokado, S. Kurihara, I. Kimura, T. Tsutsumi, T. Yahagi, Y. Furuya, I. Kageyama, S. Kawamoto, K. Yamaguchi, H. Tsuji, S.

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Information source Title The New Geodetic Reference System of Japan \_

Its adoption and application to our products

Author Geographical Survey Institute

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Data source ISO Geodetic Registry

Remarks Null transformation. JGD2000 equivalent to ITRF94 at epoch 1997.0.

Operation version GSIv1

Scope Spatial referencing

Operation accuracy 0.0 m

Source CRS ITRF94 - XYZ
Target CRS JGD2000 - XYZ

Operation method Geocentric Translation (geocentric Cartesian domain)

#### Extent

Description	Japan - onshore and offshore	
Geographic Bounding Box	West-bound longitude	122.9
	North-bound latitude	45.6
	East-bound longitude	154.0
	South-bound latitude	20.4

#### Operation parameter values

X-axis translation	0.0 millimetre
Y-axis translation	0.0 millimetre
Z-axis translation	0.0 millimetre

# **ISO Geodetic Registry**

Item class OperationMethod

Name Geocentric Translation (geocentric Cartesian

domain)

Item status VALID
Identifier 75

Alias Translation

Alias Frame translation

Alias Geocentric translation

Alias Coordinate translation

Data source ISO Geodetic Registry

Remarks This method allows calculation of geocentric Cartesian coordinates in

the target system by adding the parameter values to the corresponding coordinates in the source system. See geographic 3D and 2D variants

of this method for transformations of other CRS types.

### Operation parameters

X-axis translation Y-axis translation Z-axis translation