

ISO Geodetic Registry

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|---------------------------|---|---|
| <i>Item class</i> | Conversion | |
| <i>Name</i> | geocentric to geographic3D | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 96 | |
| <i>Information source</i> | <i>Title</i> | Geomatics Guidance Note No 7, part 2: Coordinate Conversions and Transformations including Formulas |
| | <i>Author</i> | International Association of Oil and Gas Producers (IOGP) |
| | <i>Publisher</i> | International Association of Oil and Gas Producers (IOGP) |
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| | <i>Issue identification</i> | 373-7-2 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Scope</i> | For geocentric to geographic 3D conversions and vice versa. | |
| <i>Operation method</i> | Geographic/geocentric conversion | |

Extent

| | | |
|--------------------------------|-----------------------------|--------|
| <i>Description</i> | World. | |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i> | -180.0 |
| | <i>North-bound latitude</i> | 90.0 |
| | <i>East-bound longitude</i> | 180.0 |
| | <i>South-bound latitude</i> | -90.0 |

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|--------------------|--|
| <i>Item class</i> | OperationMethod |
| <i>Name</i> | Geographic/geocentric conversion |
| <i>Item status</i> | VALID |
| <i>Identifier</i> | 78 |
| <i>Data source</i> | ISO Geodetic Registry |
| <i>Remarks</i> | This is a parameter-less conversion. In applications it is often concatenated with 3-, 7- or 10-parameter transformations to form a geographic to geographic transformation. |