

User Manual 4.0 The Ellipsoid Interface

De Wiki

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The ellipsoid interface (geometry.euclidian.threed) serves the purpose of defining a set of methods that ellipsoids must implement. This interface requires the classes implementing it to have the following methods :

getCenter method

Retrieve the ellipsoid center

```
/** Get ellipsoids' center
 * @return The position of the center as a Vector3D
 * */
Vector3D getCenter();
```

The following objects implement the ellipsoid interface :

- [Ellipsoids](#).
- [Spheres](#),
- [Spheroids](#).

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