

QuadratureRuleFactory

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classDiagram
    QuadratureRuleFactory <|-- GaussHermiteRuleFactory
    QuadratureRuleFactory <|-- GaussLaguerreRuleFactory
```

A UML class diagram showing inheritance. At the top is a box labeled 'QuadratureRuleFactory'. Below it are two boxes: 'GaussHermiteRuleFactory' on the left and 'GaussLaguerreRuleFactory' on the right. A horizontal line connects the two bottom boxes, with a vertical line and an upward-pointing arrow from the center of this line to the bottom of the 'QuadratureRuleFactory' box, indicating that both child classes inherit from the parent class.

GaussHermiteRuleFactory

GaussLaguerreRuleFactory