

DiscreteDomain

```
classDiagram
    class DiscreteDomain {
    }
    class GQCP_GMullikenDomain["GQCP::GMullikenDomain<_Scalar>"] {
        +partitionMatrix()
        +projectionMatrix()
    }
    DiscreteDomain <|-- GQCP_GMullikenDomain
```

The diagram illustrates a class hierarchy. At the top is the 'DiscreteDomain' class, represented by a white box with three horizontal compartments. The top compartment contains the class name. Below it are two empty compartments. At the bottom is the 'GQCP::GMullikenDomain <_Scalar>' class, represented by a gray box with three horizontal compartments. The top compartment contains the class name. The middle compartment is empty. The bottom compartment contains two public methods: '+ partitionMatrix()' and '+ projectionMatrix()'. A blue arrow with an open triangular head points from the top of the 'GQCP::GMullikenDomain' box to the bottom of the 'DiscreteDomain' box, indicating that 'GQCP::GMullikenDomain' inherits from 'DiscreteDomain'.

GQCP::GMullikenDomain
<_Scalar>

+ partitionMatrix()
+ projectionMatrix()