```
Eigen::Matrix< double,
        Dynamic, Dynamic >
        MatrixX< Scalar >
 + Rows
 + Cols
 + areEqualEigenvaluesAs()
 + isEqualEigenvectorAs()
 + hasEqualSetsOfEigenvectorsAs()
 + operator()()
 + operator()()
 + calculateMinor()
 + Eigen()
 + Eigen()
 + isPositiveSemiDefinite()
 + pairWiseReduced()
 + print()
 + removeColumn()
 + removeColumns()
 + removeRow()
 + removeRows()
 + FromColumnMajorVector()
 + FromFile()
 + FromFile()
 + FromRowMajorVector()
GQCP::SquareMatrix
            < _Scalar >
```

```
+ SquareMatrix()
+ SquareMatrix()
+ SquareMatrix()
+ SquareMatrix()
+ SquareMatrix()
+ dimension()
+ isSelfAdjoint()
+ isHermitian()
+ isAntiHermitian()
+ isSymmetric()
+ noPivotLUDecompose()
+ pairWiseStrictReduced()
```

+ calculatePermanentCombinatorial()

+ PartitionMatrix() + Random() + RandomSymmetric()

+ FromStrictTriangle()

+ PartitionMatrix()

+ Identity()

+ calculatePermanentRyser()

+ RandomUnitary() + SymmetricFromUpperTriangle() + SymmetricFromUpperTriangle WithoutDiagonal()

+ Zero()