```
compnal::model::BaseU1Electron
          _1D< RealType >
# onsite_operator_c_up
# onsite operator c down
# onsite_operator_c_up
_dagger_
# onsite_operator_c_down
_dagger_
# onsite_operator_nc_up_
# onsite_operator_nc
 down
# onsite_operator_nc_
# onsite operator sx
# onsite operator isy
# onsite_operator_sz_
and 9 more...
+ BaseU1Electron_1D()
+ BaseU1Electron_1D()
+ BaseU1Electron_1D()
+ SetSystemSize()
+ SetTotalSz()
+ SetTotalElectron()

    SetCalculatedEigenvector

Set()
+ isValidQNumber()
+ isValidQNumber()
+ GetNumElectrons()
and 30 more...
+ isValidQNumber()
+ CalculateTargetDim()
+ CreateOnsiteOperatorCUp()
+ CreateOnsiteOperatorCDown()
+ CreateOnsiteOperatorCUpDagger()
+ CreateOnsiteOperatorCDown
Dagger()
+ CreateOnsiteOperatorNCUp()
+ CreateOnsiteOperatorNCDown()
+ CreateOnsiteOperatorNC()
+ CreateOnsiteOperatorSx()
+ CreateOnsiteOperatoriSy()
+ CreateOnsiteOperatorSz()
+ CreateOnsiteOperatorSp()
+ CreateOnsiteOperatorSm()
+ CalculateQuntumNumberDifference()
# SetOnsiteOperator()
    compnal::model::Hubbard
           + Hubbard_1D()
    + Hubbard_1D()
    + Hubbard_1D()
    + Hubbard_1D()
    + Hubbard_1D()
    + SetBoundaryCondition()
    + SetHopping()
    + SetHopping(
    + SetIntersiteCoulomb()
    + SetIntersiteCoulomb()
    and 11 more..
    + CreateOnsiteOperatorHam()
```