```
GOCP::BaseOrbitalOptimizer
 # is converged
 # convergence threshold
 # maximum_number_of_iterations
 # number of iterations
 + BaseOrbitalOptimizer()
 + ~BaseOrbitalOptimizer()
 + calculateNewRotationMatrix()
 + checkForConvergence()
 + prepareConvergenceChecking()
 + numberOfIterations()
 + optimize()
    GQCP::JacobiOrbitalOptimizer
# dim
# optimal jacobi with
scalar
+ JacobiOrbitalOptimizer()
+ ~[acobiOrbitalOptimizer()
+ calculatelacobiCoefficients()
+ calculateOptimalRotation
Angle()
+ calculateScalarFunctionChange()
+ prepareJacobiSpecificConvergence
Checking()
+ calculateNewRotationMatrix()
+ checkForConvergence()
+ prepareConvergenceChecking()
+ calculateOptimalJacobiParameters()
+ comparer()
GQCP::AP1roGlacobiOrbital
             Optimizer
+ AP1roGlacobiOrbitalOptimizer()
+ AP1roGlacobiOrbitalOptimizer()
+ calculateJacobiCoefficients()
+ calculateOptimalRotation
Anale()
+ calculateScalarFunctionChange()
+ preparelacobiSpecificConvergence
Checking()
+ electronicEnergy()
```