```
mtk::Matrix

    storage

    ordering

             num_rows
             num_cols_num_values
             - Id
             - num_zero_
- num_non_zero_
- num_null_
             num_non_null_
             and 7 more...
               Matrix()
             + Matrix()
             + ~Matrix()
             + storage()
             + ordering()
             + num_rows()
+ num_cols()
+ num_values()
             + ld()
             + num_
                      zero()
             and 18 more...
                        -matrix_properties_
             mtk::DenseMatrix
          - data
          + operator
          + DenseMatrix()
          + DenseMatrix()
          + DenseMatrix()
          + DenseMatrix()
          + DenseMatrix()
          + ~DenseMatrix()
          + matrix_properties()
          + num_rows()
+ num_cols()
and 7 more...
          + Kron()
                        -rat_basis_null_space_
               mtk::Grad1D
order_accuracy_
- dim_null_
- num_bndy_approxs
- num_bndy_coeffs_

    gradient_length_

minrow_
- row
- coeffs_
          interior
prem_apps
- weights_crs
weights_cbsmim_bndy_

    gradient

mimetic_threshold_
+ Grad1D()
+ Grad1D()
+ ~Grad1D()
+ ConstructGrad1D()
+ num_bndy_coeffs()
+ weights_crs()
+ weights_cbs()
+ ReturnAsDenseMatrix()
ComputeStencilInteriorGrid()ComputeRationalBasisNull
Space()
- ComputePreliminaryApproximations()
- ComputeWeights()
 ComputeStencilBoundaryGrid()
AssembleOperator()
```