```
mtk::Matrix
            - storage

    orderina

            num_rows

    num_cols

            num_values_
            - ld_
            - 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_appsweights_crs
weights_cbs_
        bndy_
- mim
- gradient
- mimetic threshold
+ Grad1D()
+ Grad1D()
    Grad1D()
+ ConstructGrad1D()
+ weights_crs()
+ weights_cbs()
+ ReturnAsDenseMatrix()

    ComputeStencilInteriorGrid()

 ComputeRationalBasisNull
Space()
 ComputePreliminaryApproximations()
 ComputeWeights() ComputeStencilBoundaryGrid()
AssembleOperator()
```