```
mtk::Matrix

    storage

             ordering
            - num_rows
           - num_cols_
- num_values
            - Id
           - num_zero_
- num_non_zero
            - num_null
           null
            + 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::Div1D
order_accuracy_
- dim_null_
- num_bndy_coeffs
divergence_length_
minrow_
- row

    coeffs_interior_

 prem_apps
weights_crs
prem_
weights_cbs_
       bndy
- mim
 divergence

    mimetic_threshold

+ Div1D()
+ Div1D()
    -Div1D()
+ ConstructDiv1D()
+ num_bndy_coeffs()
+ coeffs_interior()
+ weights_crs()
+ weights_cbs()
+ mim_bndy()
+ ReturnAsDenseMatrix()
 ComputeStencilInteriorGrid()
 ComputeRationalBasisNull
Space()
 ComputePreliminaryApproximations()
ComputeWeights()ComputeStencilBoundaryGrid()
- AssembleOperator()
```