```
mtk::Matrix
- encoded operator

    storage

    ordering

- num_rows_
- num_cols_
- num_values
leading_dimension_
- num_low_diags
- num upp diags

    bandwidth

and 8 more...
+ Matrix()
+ Matrix()
+ ~Matrix()
+ encoded_operator()
+ storage()
+ ordering()
+ num_rows()
+ num_cols()
+ num_values()
+ leading_dimension()
and 24 more...
ComputeNumValues()
  {\tt ComputeLeadingDimension()}
ComputeBandwidth()
- ComputeNumNonNull()
- ComputeAbsDensity()
- ComputeAbsSparsity()
- ComputeNumNonZero()

    ComputeRelDensity()

    ComputeRelSparsity()

                -matrix_properties_
      mtk::DenseMatrix
  - data
  + operator=()
  + operator==()
  + DenseMatrix()
  + DenseMatrix()
  + DenseMatrix()
  + DenseMatrix()
  + DenseMatrix()
  + ~DenseMatrix()
  + encoded operator()
  + set_encoded_operator() and 11 more...
  + Kron()
                -curl_
         mtk::Curl2D
  order_accuracy_mimetic_threshold_
  + operator*()
  + Curl2D()
  + Curl2D()
  + ~Curl2D()
   + ConstructCurl2D()
   + ReturnAsDenseMatrix()
```