```
                    mtk::Matrix
    ─────────────────────────────────
     - storage_
     - ordering_
     - 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=()
     + operator==()
     + DenseMatrix()
     + DenseMatrix()
     + DenseMatrix()
     + DenseMatrix()
     + DenseMatrix()
     + ~DenseMatrix()
     + matrix_properties()
     + num_rows()
     and 9 more...
     + Kron()
```

-gradient_

```
                  mtk::Grad3D
    ─────────────────────────────────
     - order_accuracy_
     - mimetic_threshold_
    ─────────────────────────────────
     + Grad3D()
     + Grad3D()
     + ~Grad3D()
     + ConstructGrad3D()
     + ReturnAsDenseMatrix()
```