```
var::matrix< D >
data
 row
  col
+ matrix()
+ matrix()
+ matrix()
+ row()
+ col()
+ size()
+ begin()
+ end()
+ begin()
+ end()
+ get_row()
+ get_col()
+ resize()
+ push_row()
+ push col()
+ insert_row()
+ insert col()
+ pop_row()
+ pop_col()
+ erase_row()
+ erase_col()
+ sort_rows()
+ sort_cols()
+ sort row()
+ sort_col()
+ row_op()
+ col op()
+ turn_to()
+ sum()
+ tr()
+ det()
+ T()
+ cofactor()
+ M()
+ adj()
+ inv()
+ rref()
+ is square()
+ is_empty()
+ is_identity()
+ operator[]()
+ operator+()
+ operator+()
+ operator-()
+ operator-()
+ operator-()
# check_col()
# check_row()
# TT()
# check size()
# DET()
# square()
```