```
graded_linalg::MatrixUtil
< vec< index >, index,
SparseMatrix< index > >
```

```
graded_linalg::SparseMatrix
< index >
```

```
graded_linalg::GradedSparse
Matrix< r2degree, index >
```

```
graded_linalg::R2GradedSparse
Matrix< index >
```