

Group name:

| Items                         | Applications                          | References                              | Titles |
|-------------------------------|---------------------------------------|---|--------|
| <b>Vectors</b>                | Audio                                 | <a href="#">Audio slides</a>            |        |
|                               | monochrome and color images           | <a href="#">Images slides</a>           |        |
|                               | time series                           | <a href="#">Time series slides</a>      |        |
|                               | feature vectors                       |   |        |
|                               | document analysis                     | <a href="#">Documents slides</a>        |        |
| <b>Matrices</b>               | asset returns                         |   |        |
|                               | Word count matrices                   |   |        |
|                               | feature matrices                      |   |        |
|                               | polynomial interpolation              |   |        |
|                               | stoichiometry                         |   |        |
|                               | linear dynamical systems              | <a href="#">Digitals classification</a> |        |
| <b>Matrix multiplication</b>  | image blurring                        |   |        |
|                               | tomography                            | <a href="#">Tomography slides</a>       |        |
|                               | Linear dynamical systems              |   |        |
| <b>Matrix inverses</b>        | counting paths in graphs              |   |        |
|                               | Polynomial and rational interpolation |   |        |
|                               | ballistics targeting                  | <a href="#">Ballistics slides</a>       |        |
| <b>Choice by yourself</b>     |                                       | <a href="#">Steganography slides</a>    |        |
| <b>(For me: Galois Field)</b> |                                       |   |        |