Problem Sets Revision History

The table notes major changes between revisions. Minor changes such as small clarifications or formatting changes are not noted.

| Version | Date | Changes | Principal Author(s) |
|---------|------|-----------------|---------------------|
| 0.4 | | Initial release | NA |

Problem Sets

We hope to include problem sets for each chapter. We have included one to give a flavor of what we want to do.

Sparse Distributed Representations

1. Work out the first few terms of (4) to see how the values quickly diminish. Show the equation can then be approximated w/. Consider the 50% noise scenario mentioned above, where the SDR dimensions are and , and . The exact FP likelihood in (4) evaluates to , while the approximation given by (5) is .

Placeholder for more problems for all chapters.