

# Projects

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- ① Valuing bonds [1–3].
- ② Mean-variance portfolio optimisation [2, 4, 8].
- ③ Constructing Greek-neutral portfolios of European stock options [3, 5].
- ④ Term structure analysis and interest rate swap pricing [5–7, 9].
- ⑤ Producing graphics with the MATLAB Financial Toolbox [3].

## References

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- [2] P. Brandimarte, *Numerical methods in finance: a MATLAB-based introduction*, Wiley series in probability and statistics, Wiley, 2002.
- [3] *Financial toolbox user's guide*, The Mathworks, Inc., 2003, version 2.
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