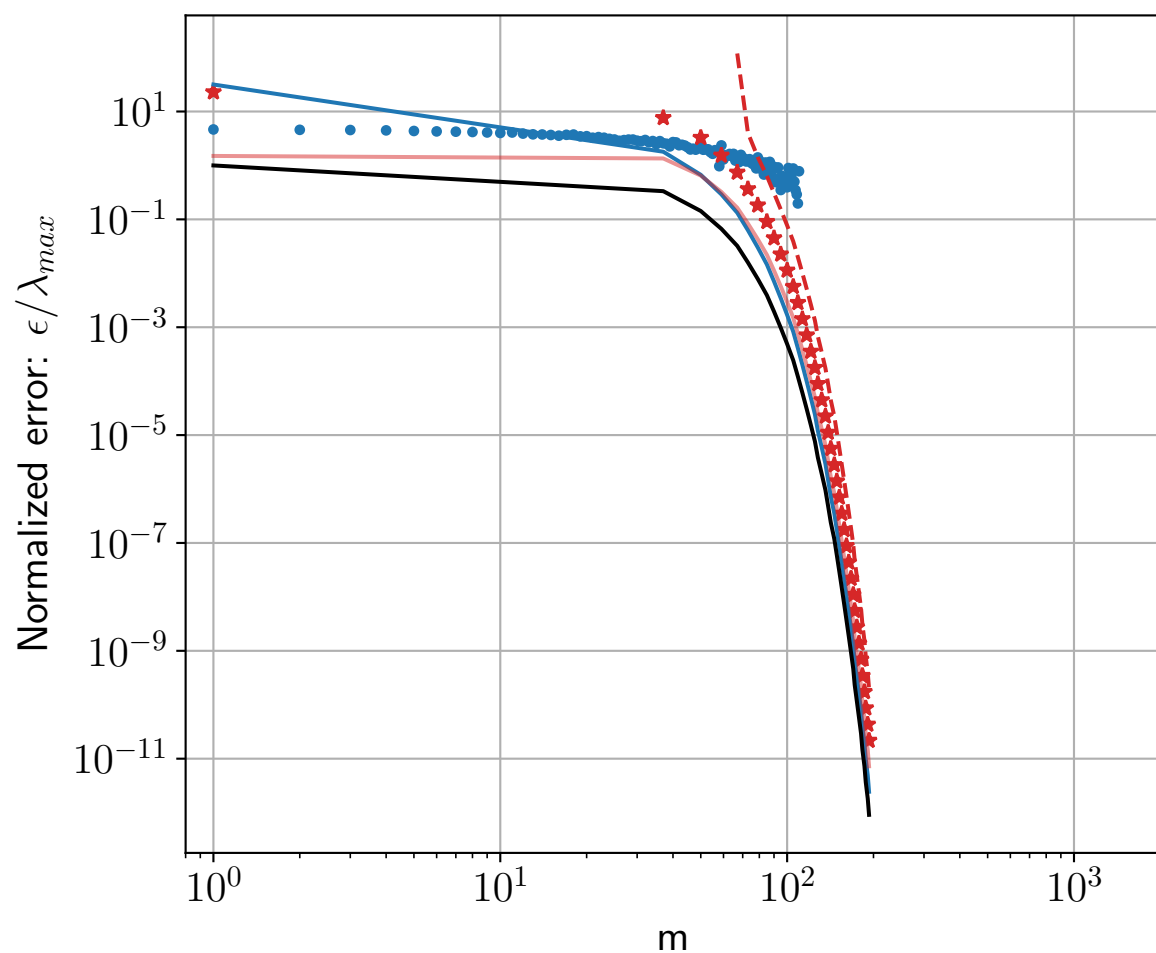
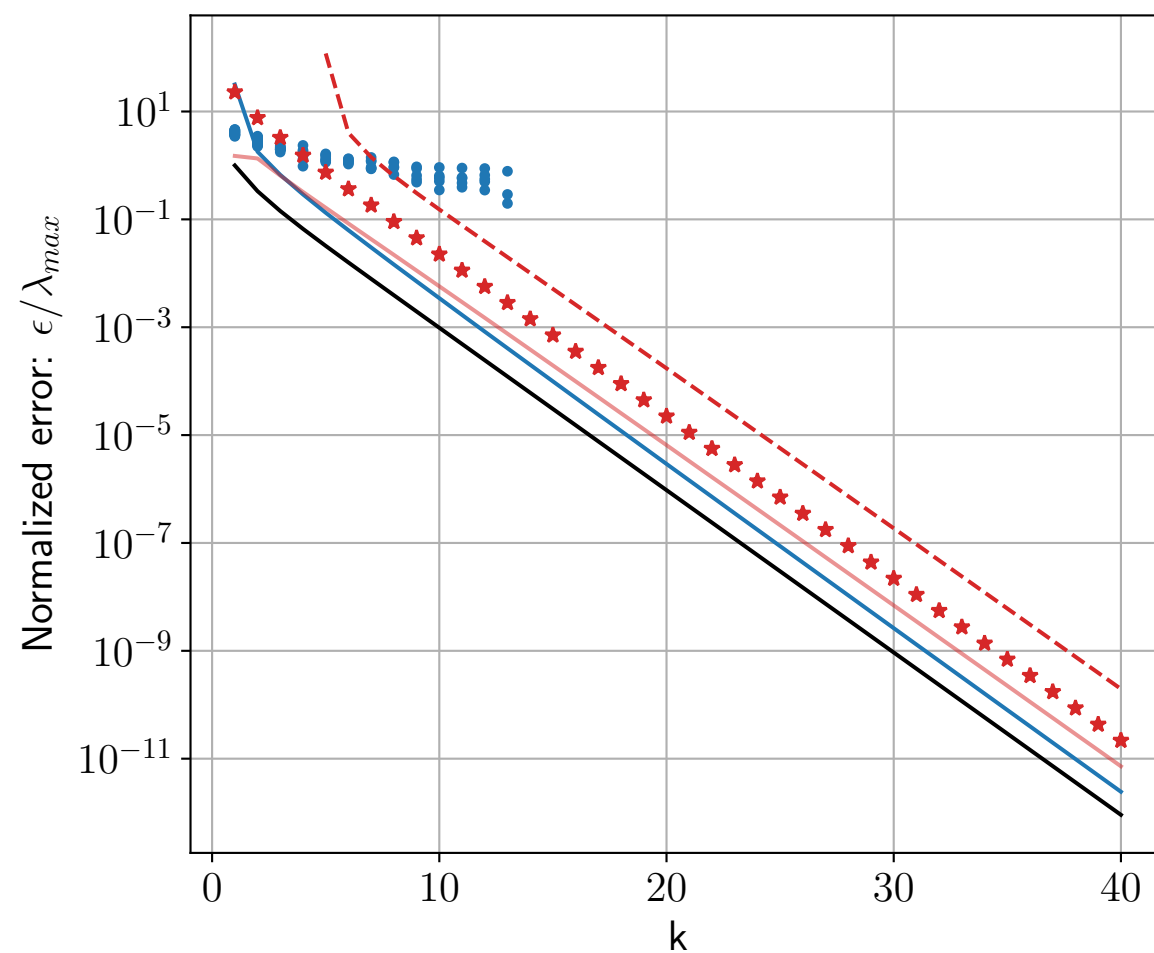


Numerical verification of the error bounds: system with steep eigenspectrum

Normalized error vs. m

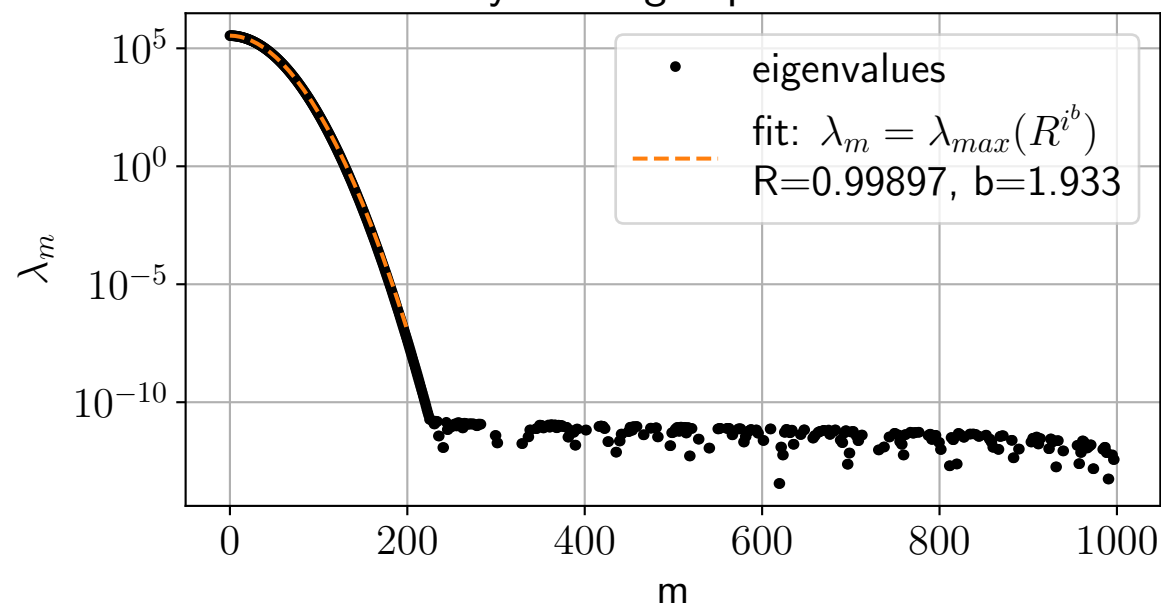


Normalized error vs. k



- Nystrom error (experimental) — Nystrom lower bound — PCA approx. (QPE lower bound)
- ★ QPE error (experimental) — QPE upper bound: idealized - - - QPE upper bound: probabilistic

System eigenspectrum



k vs. m

