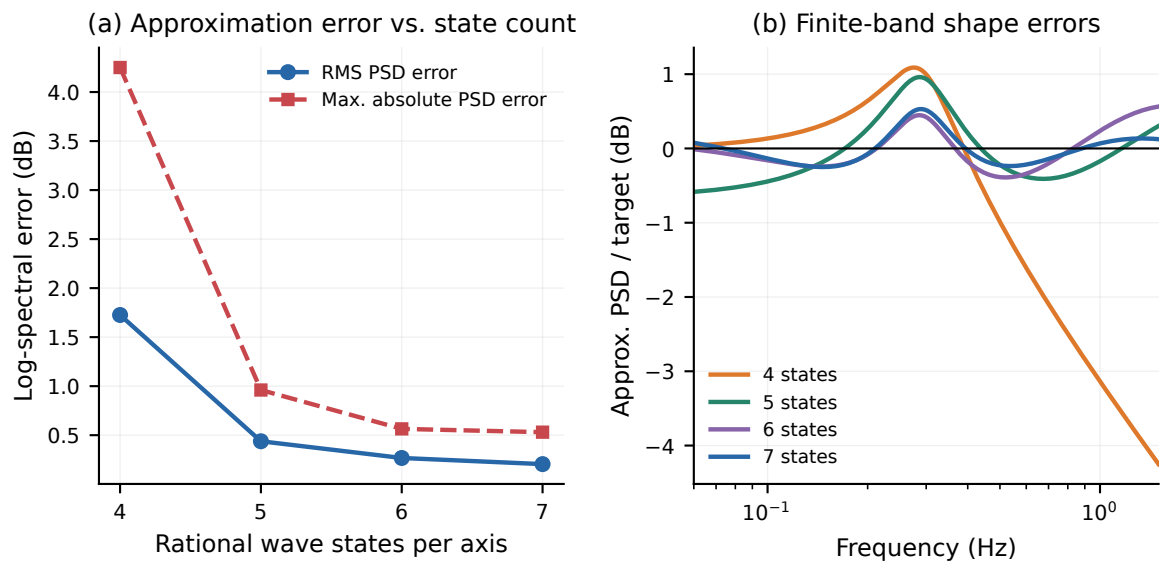

(a) Approximation error vs. state count
RMS PSD error
Max. absolute PSD error
Log-spectral error (dB)
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
4
5
6
7
Rational wave states per axis
(b) Finite-band shape errors
Approx. PSD / target (dB)
1
0
−1
−2
−3
−4
4 states
5 states
6 states
7 states
$10^{-1}$
$10^{0}$
Frequency (Hz)