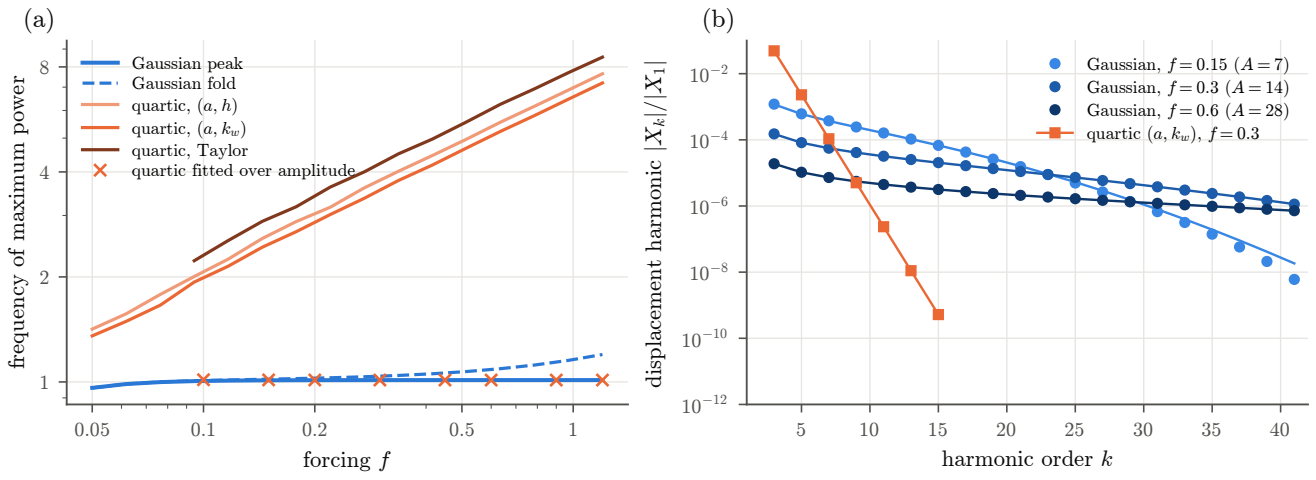

(a)
Gaussian peak
Gaussian fold
quartic, (a, h)
quartic, (a, k_w)
quartic, Taylor
quartic fitted over amplitude
frequency of maximum power
8
4
2
1
0.05
0.1
0.2
0.5
1
forcing f
(b)
Gaussian, $f = 0.15$ $(A = 7)$
Gaussian, $f = 0.3$ $(A = 14)$
Gaussian, $f = 0.6$ $(A = 28)$
quartic (a, k_w), $f = 0.3$
displacement harmonic $|X_k|/|X_1|$
10^{-2}
10^{-4}
10^{-6}
10^{-8}
10^{-10}
10^{-12}
5
10
15
20
25
30
35
40
harmonic order k