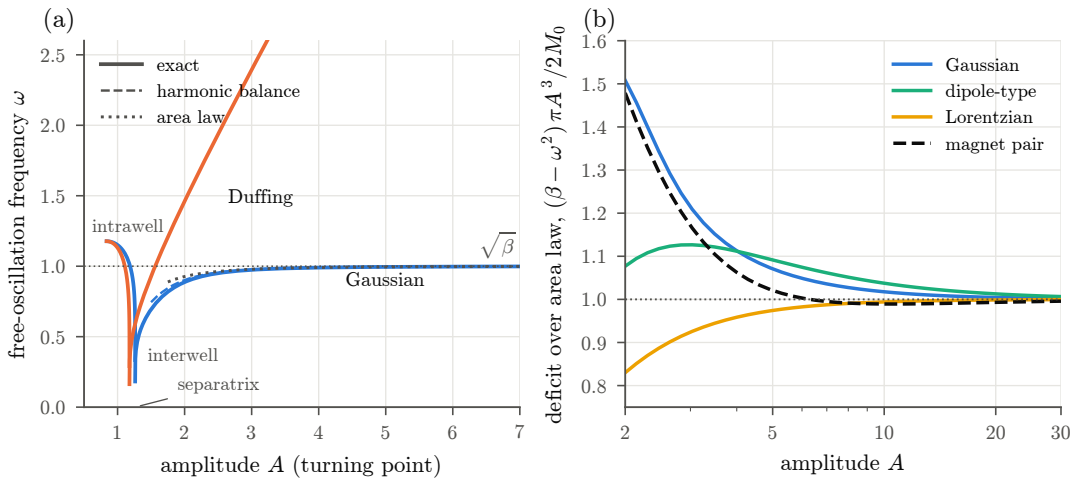

(a)
exact
harmonic balance
area law
Duffing
intrawell
$\sqrt{\beta}$
Gaussian
interwell
separatrix
free-oscillation frequency ω
amplitude A (turning point)
(b)
Gaussian
dipole-type
Lorentzian
magnet pair
deficit over area law, $(\beta-\omega^2)\,\pi A^3/2M_0$
amplitude A