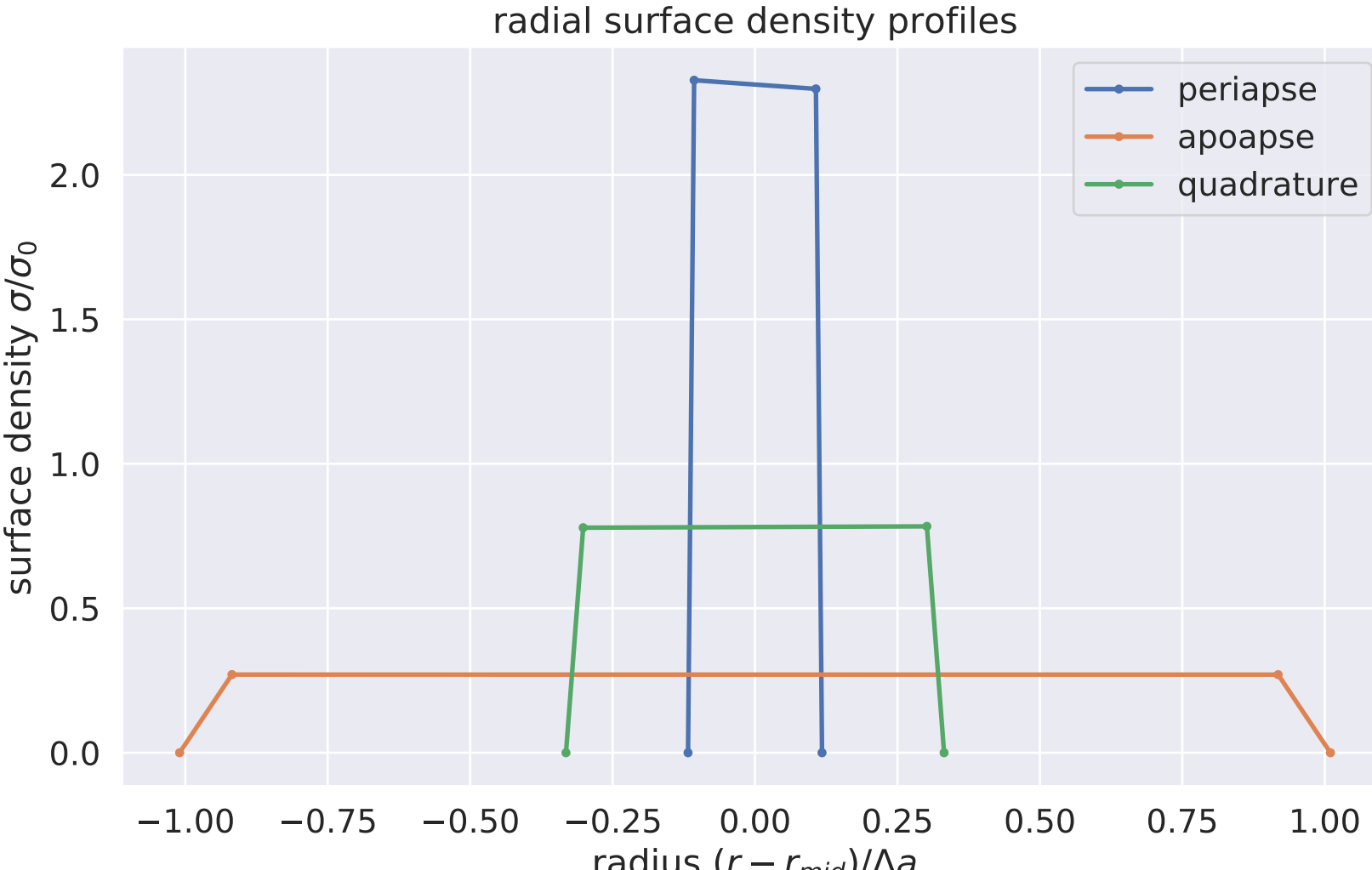
radial surface density profiles
periapse
apoapse
quadrature
surface density σ/σ_0
2.0
1.5
1.0
0.5
0.0
−1.00
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
1.00
radius $(r - r_{mid})/\Delta a$