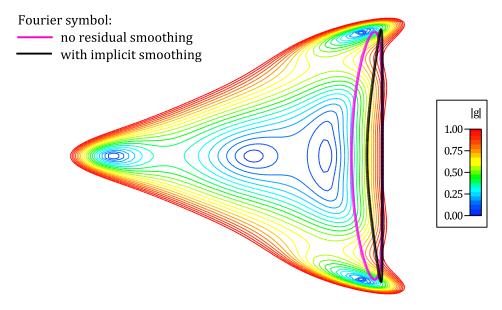
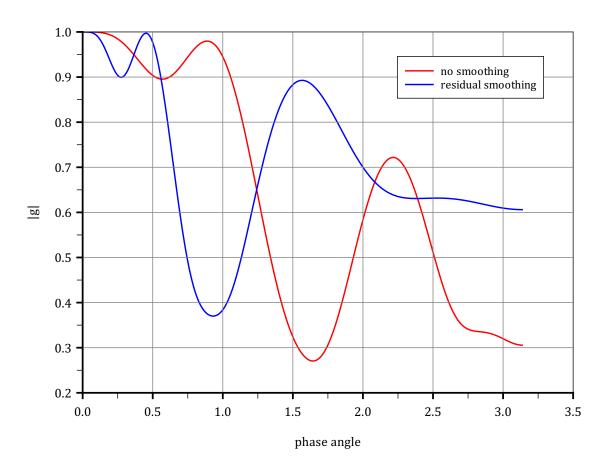
Explicit (5,3)-scheme, convection equation

Base scheme: central spatial discretization, $\sigma=3.6$, $\varepsilon^{(4)}=1/64$. Scheme with central residual smoothing: $\sigma=7.5$, $\varepsilon=0.8$.



Fourier symbol z of the spatial operator and contours of the magnitude of the amplification factor |g|.



Magnitude of the amplification factor |g| over the phase angle φ .