

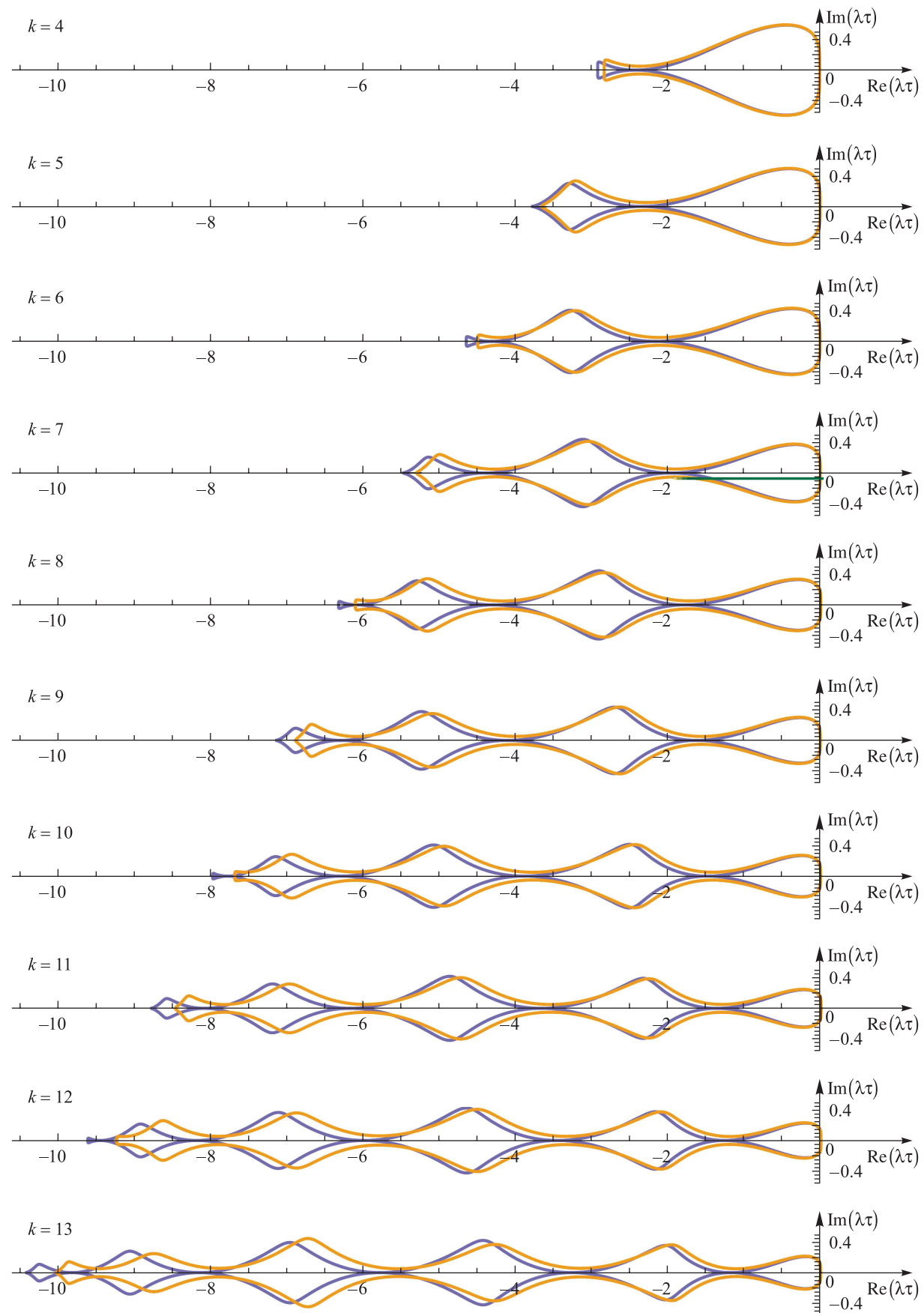


Fig. 4. Stability regions of the second order methods with an extended stability interval and their damped versions ($\epsilon = 0.05$) for $k = 4, \dots, 13$