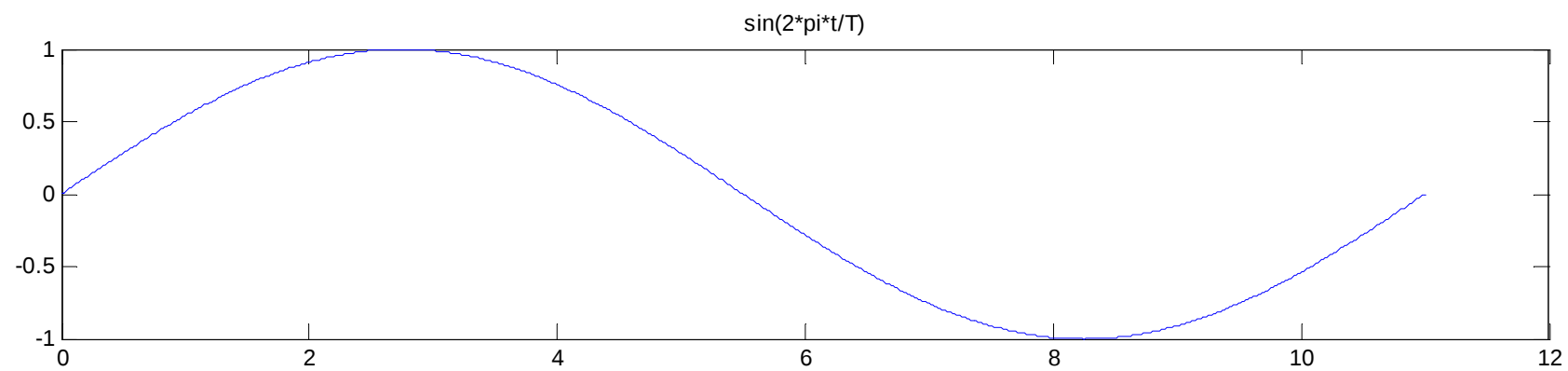
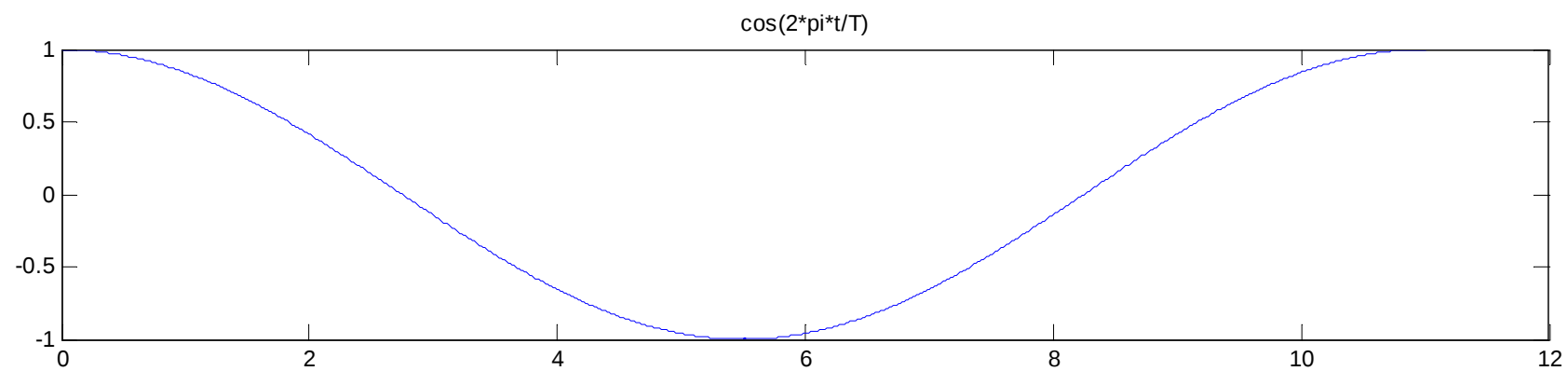
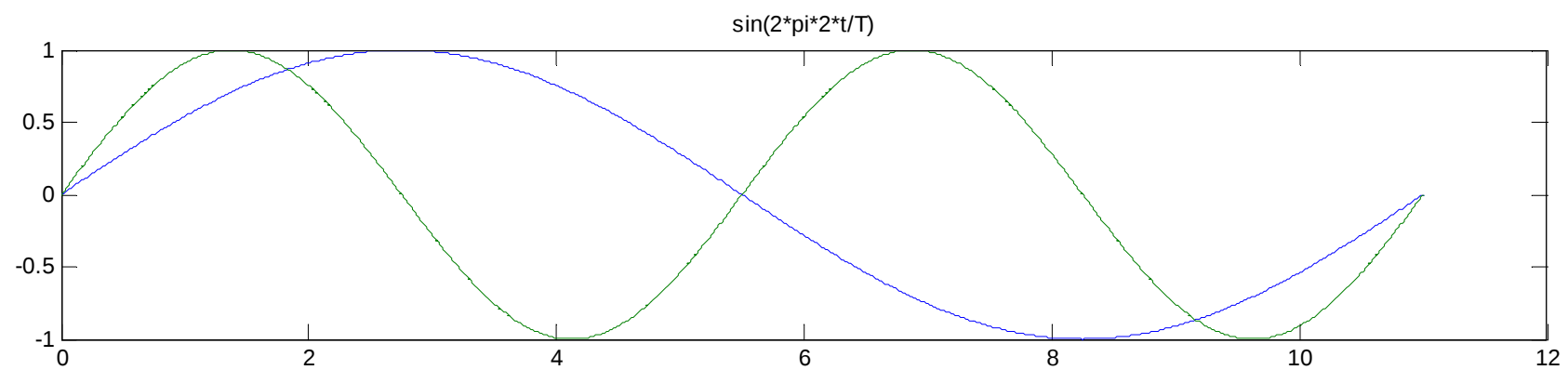
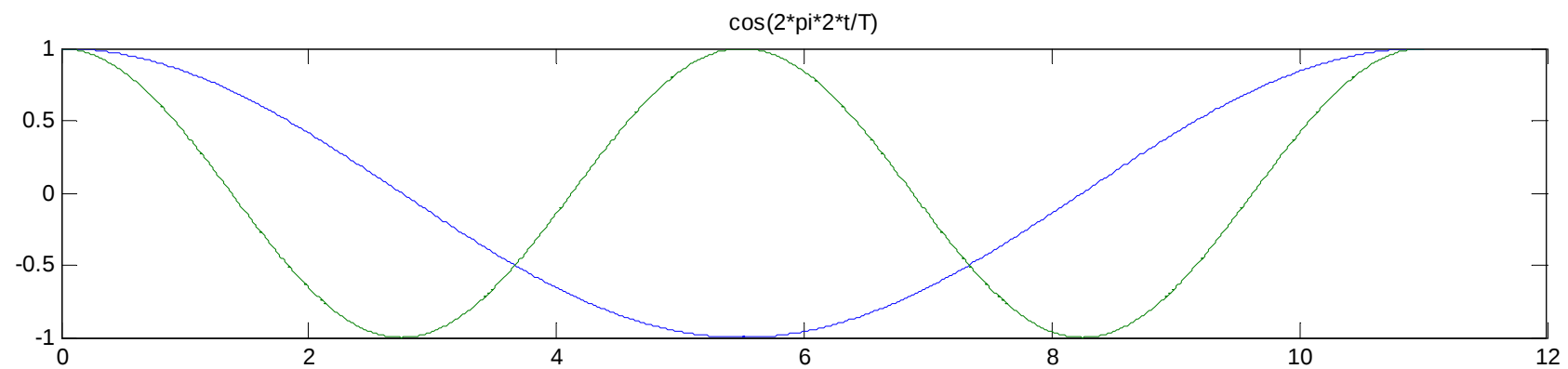
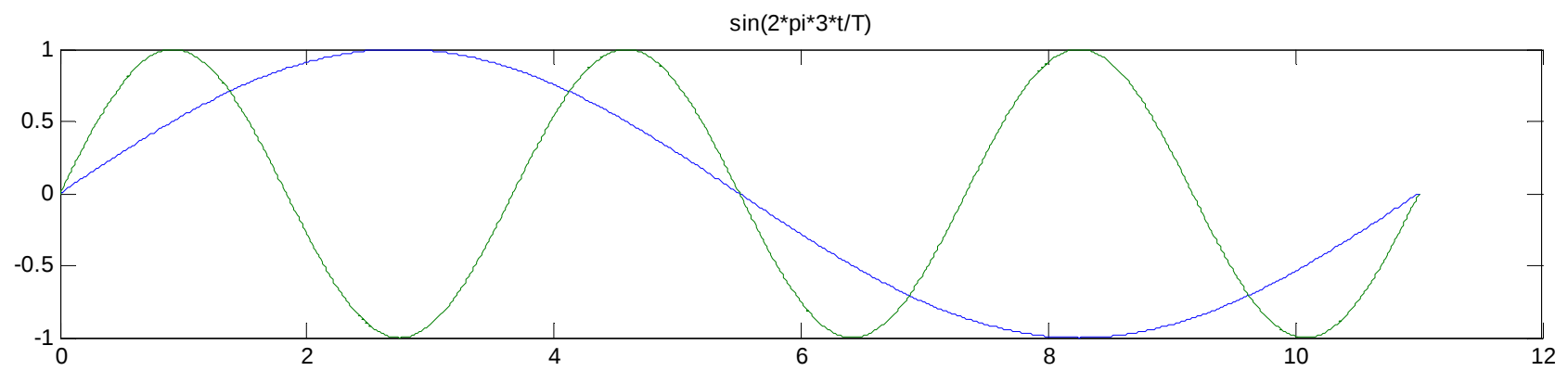
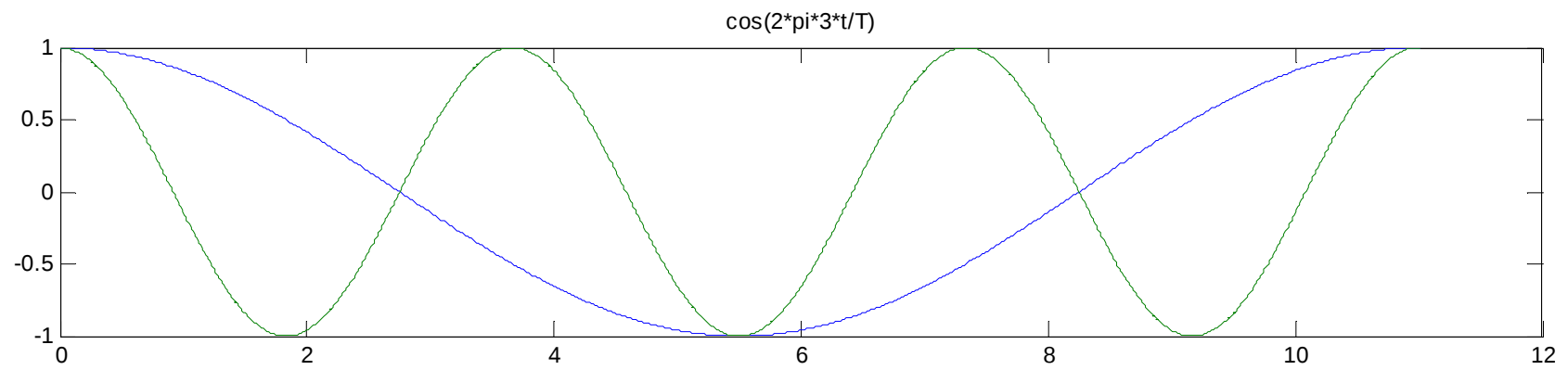


Figures for spectral lecture

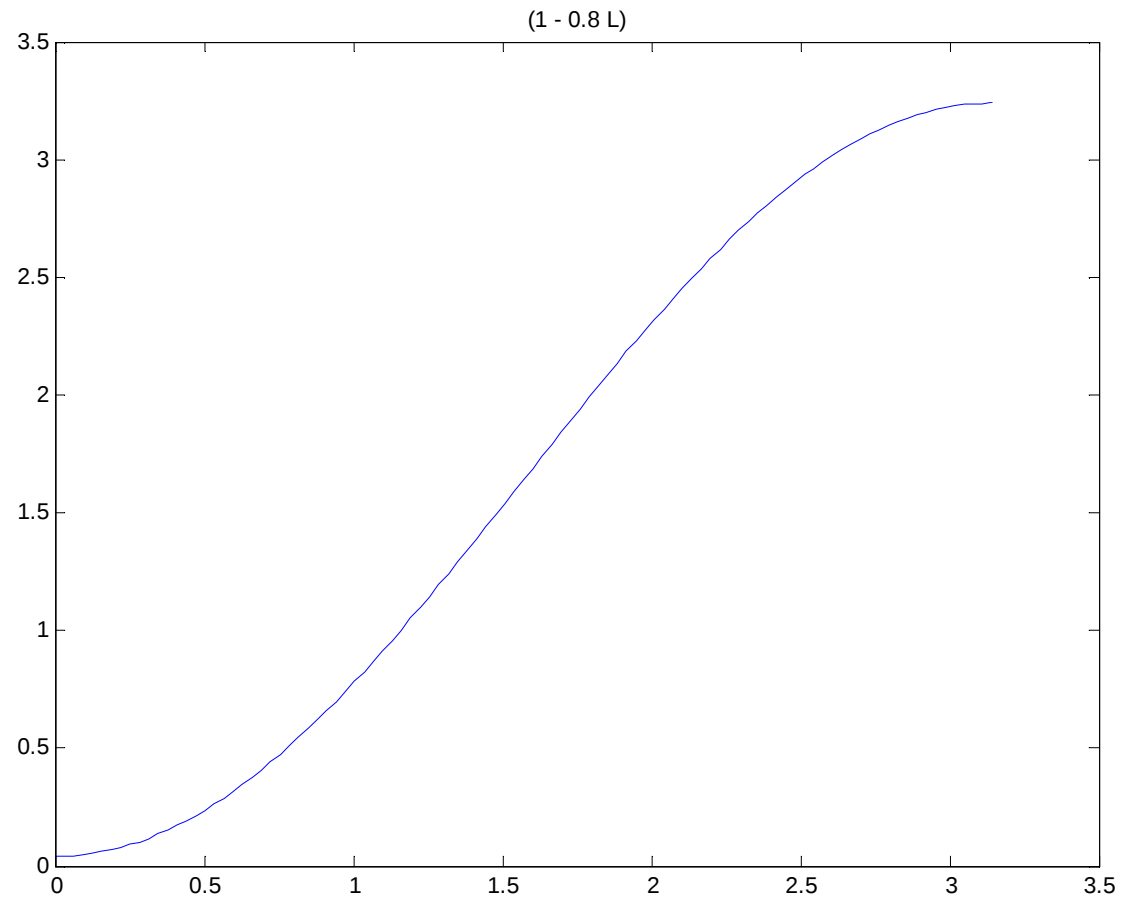
James D. Hamilton



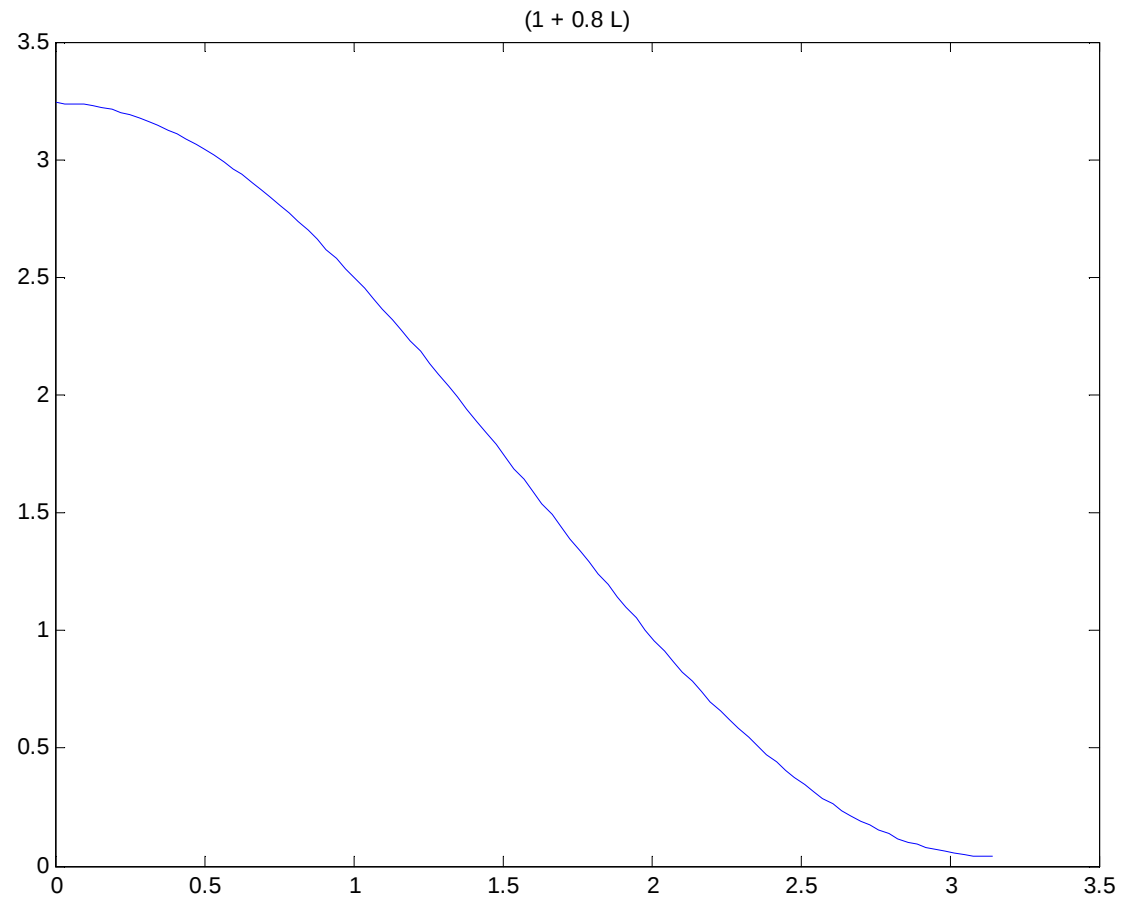




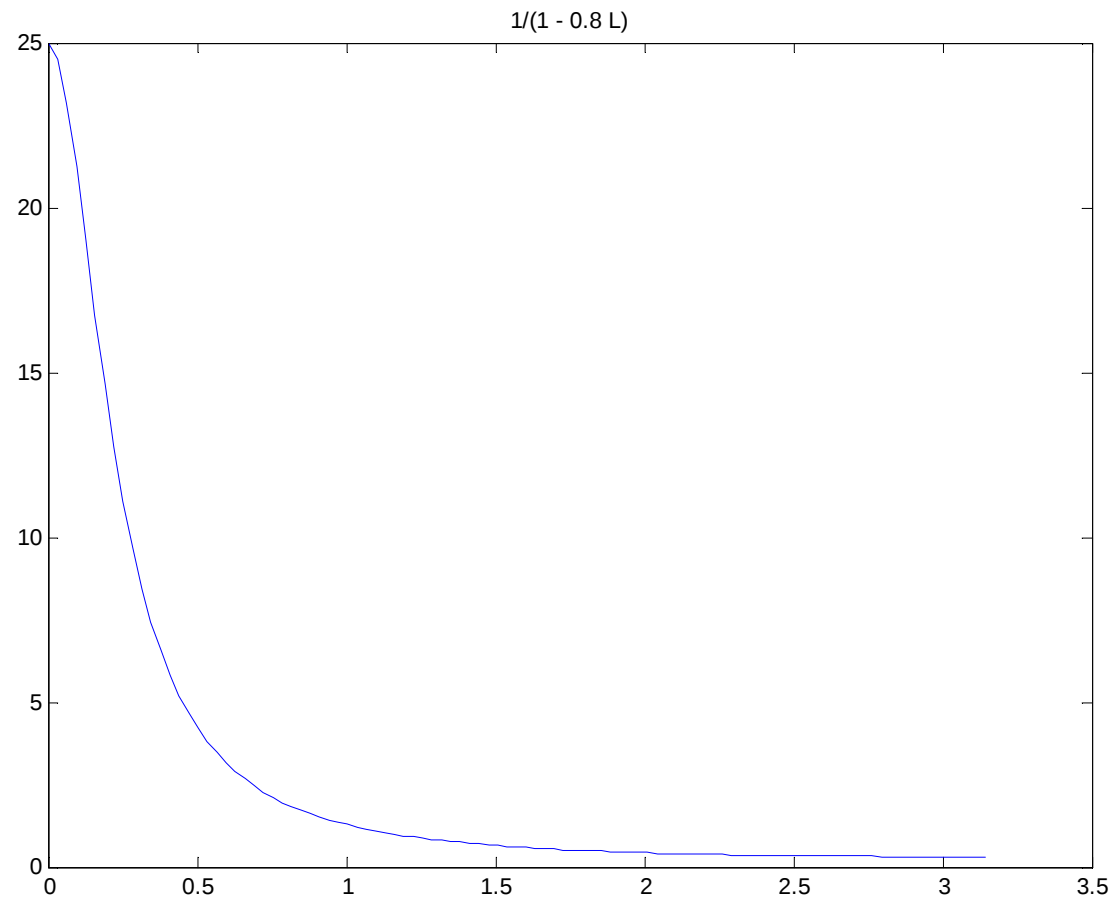
Squared gain of $1 - 0.8 L$



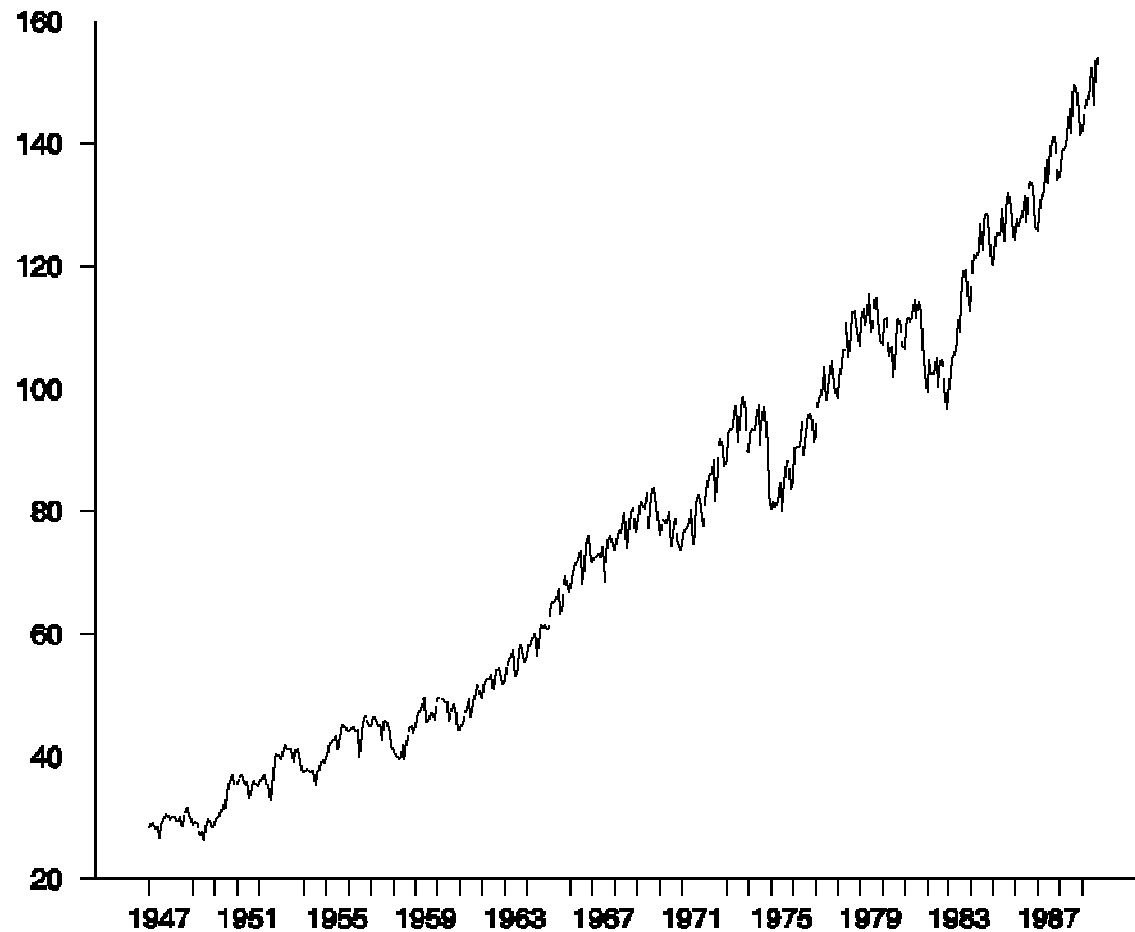
Squared gain of $1 + 0.8 L$



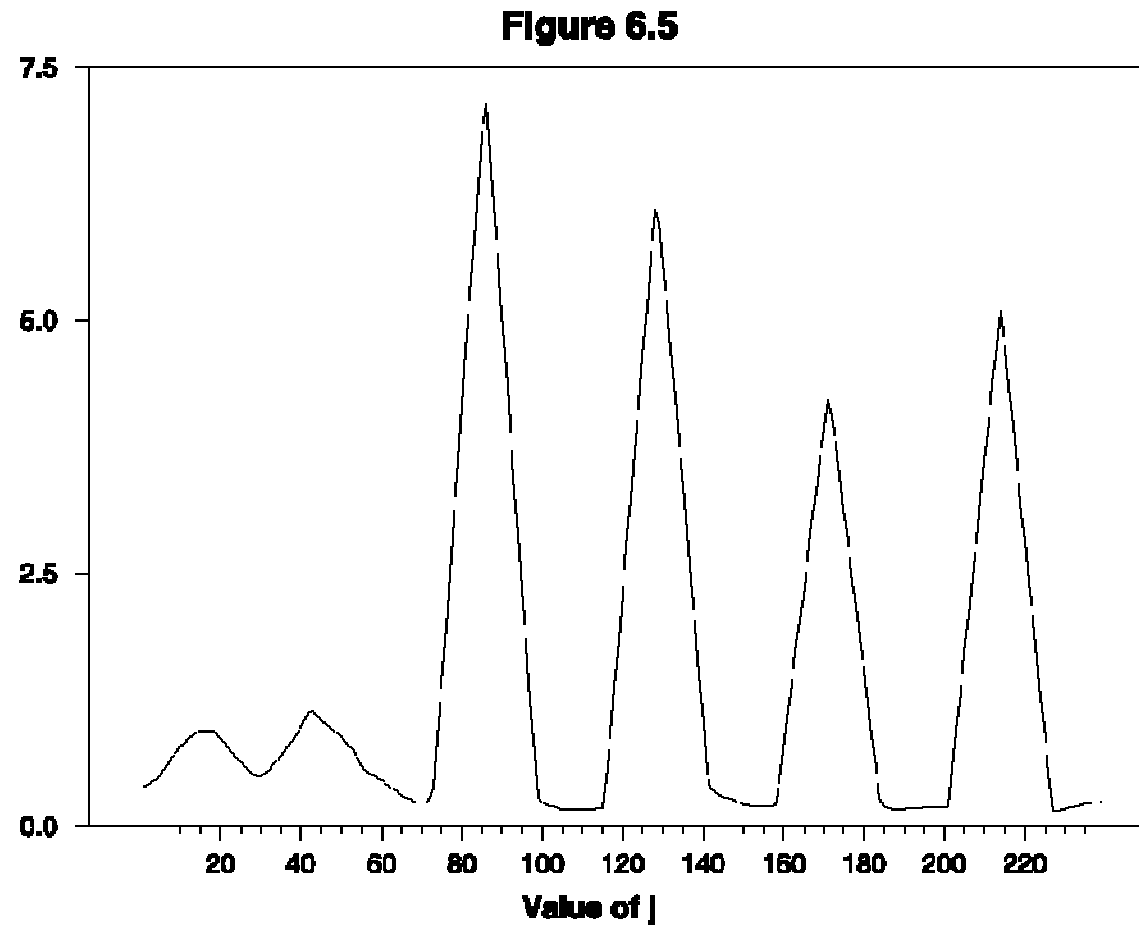
Squared gain of $1/(1 - 0.8 L)$



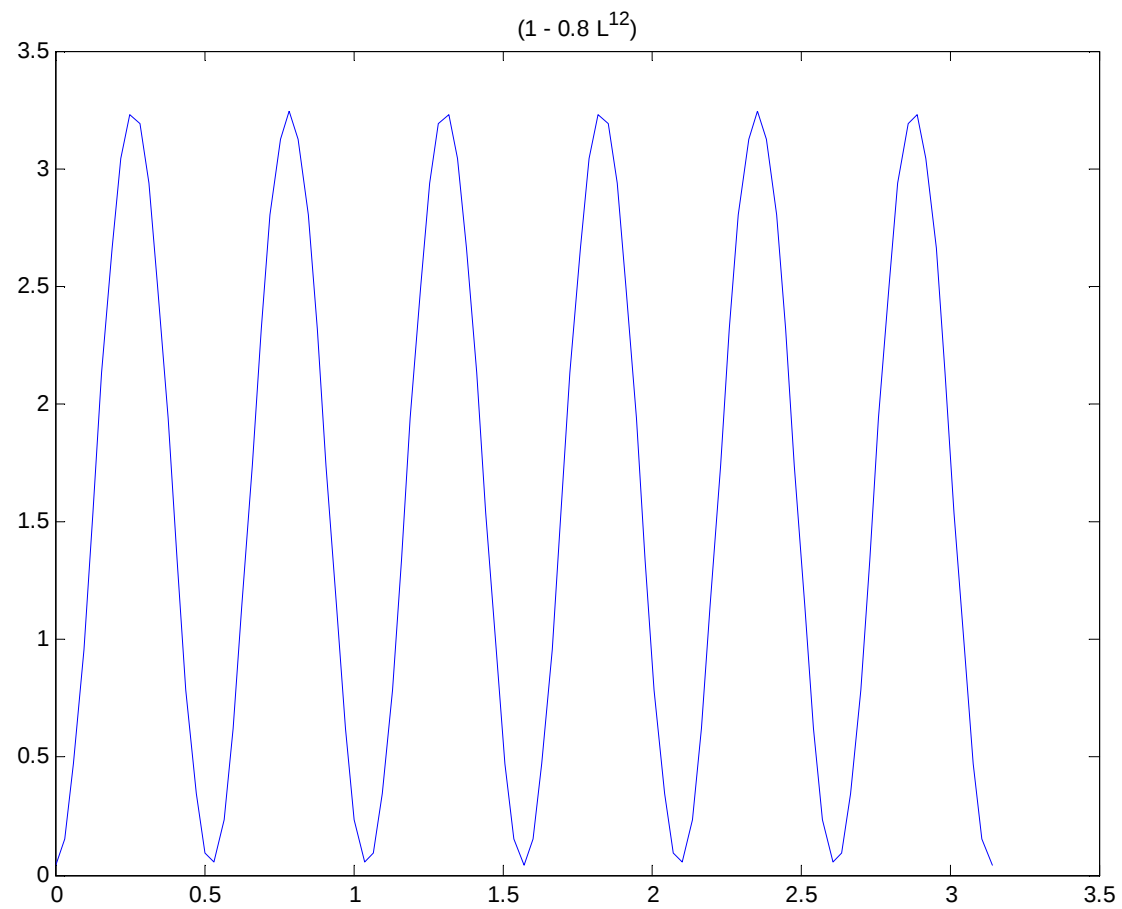
Plot of seasonally unadjusted industrial production (Fig 6.3)



Estimated spectrum of industrial production growth (Fig 6.5)

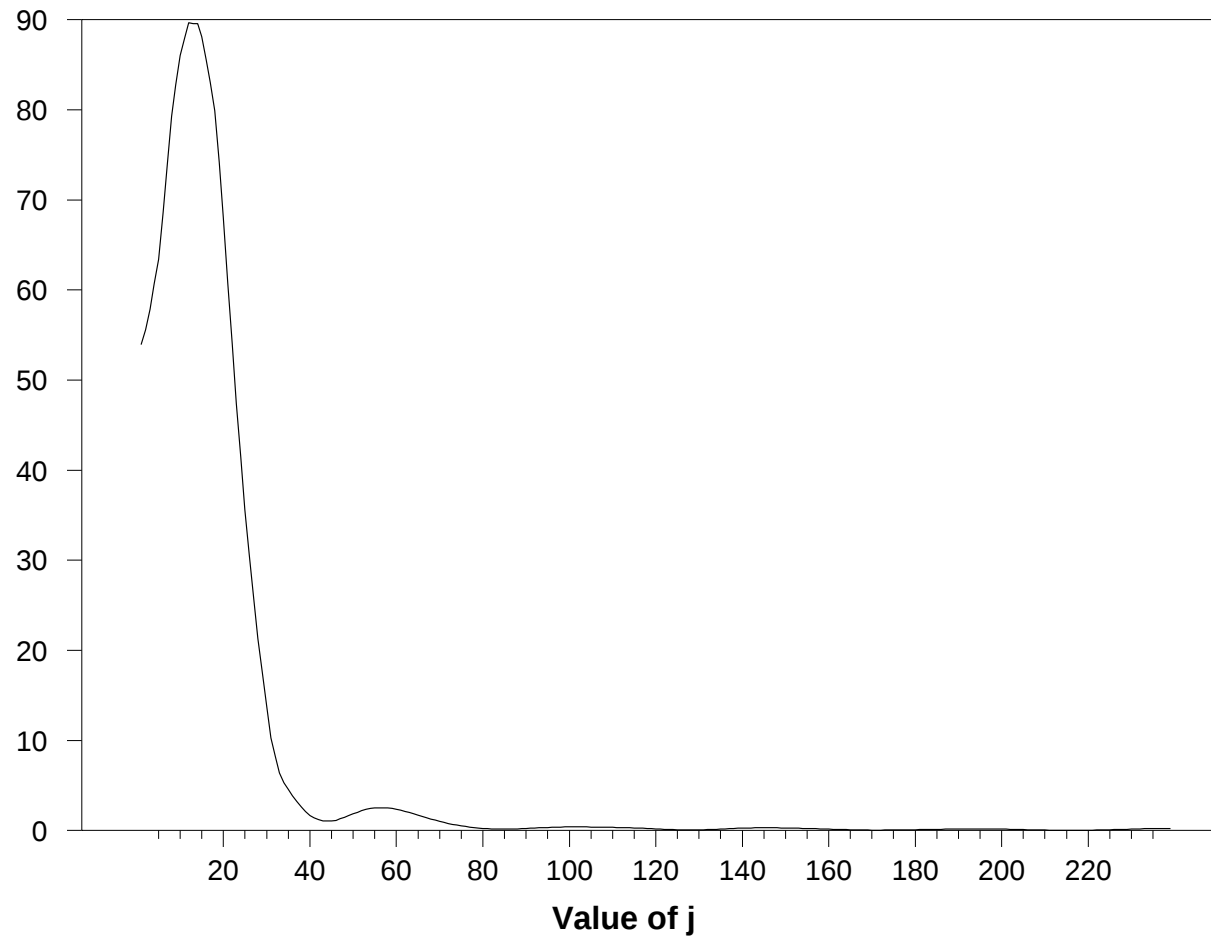


Squared gain of $1 - 0.8 L^{12}$

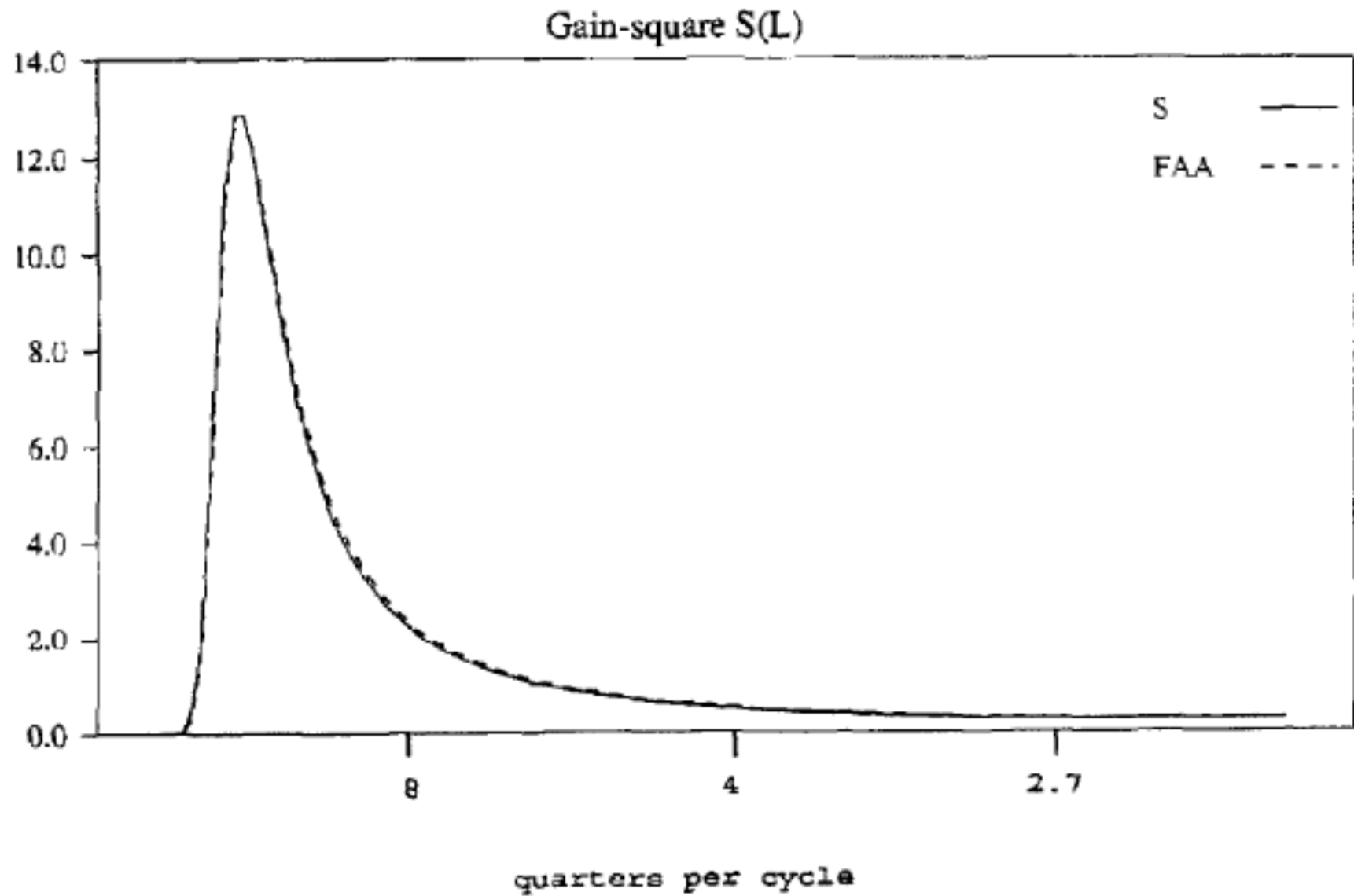


Estimated spectrum of year-over-year growth

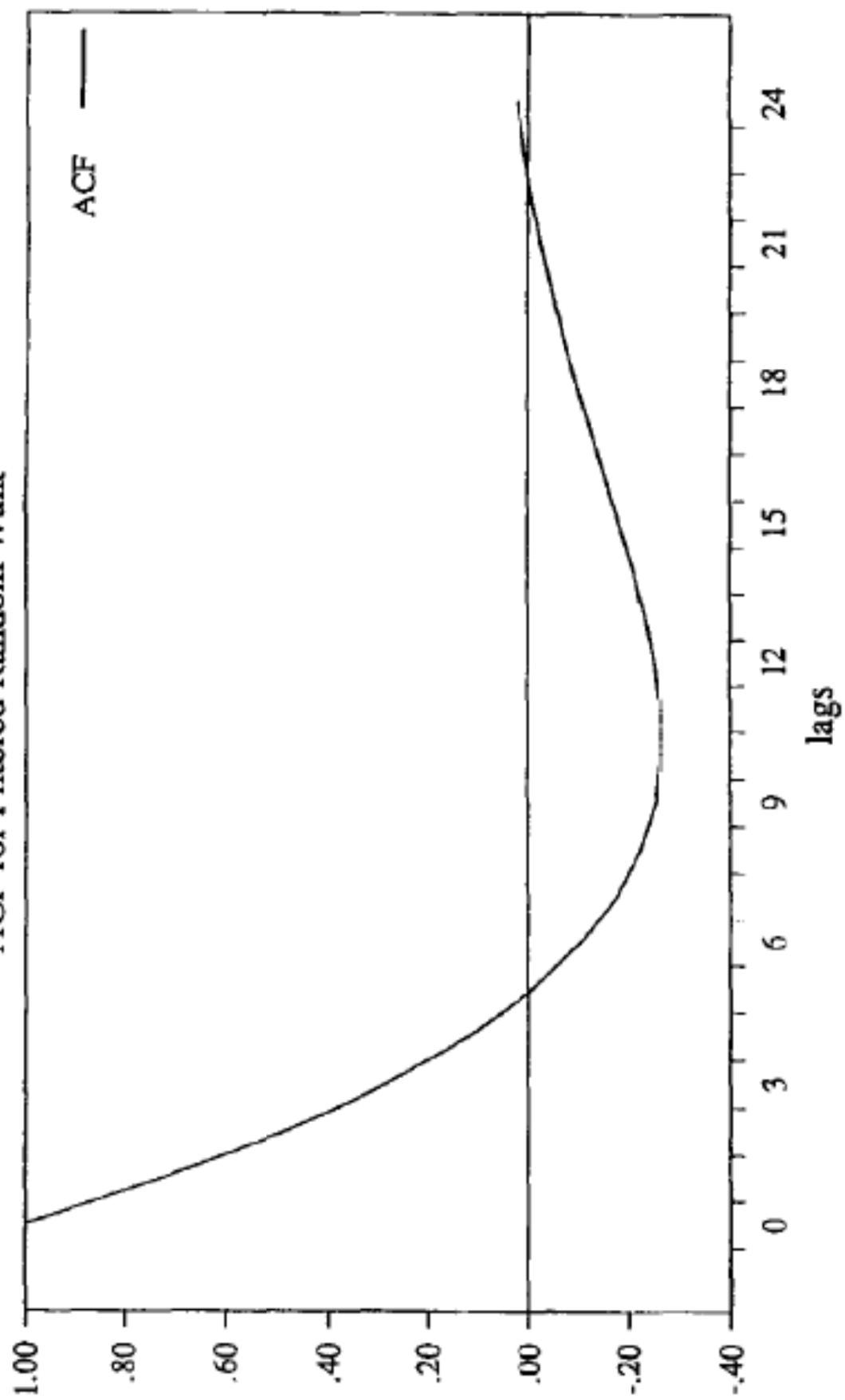
Figure 6.6



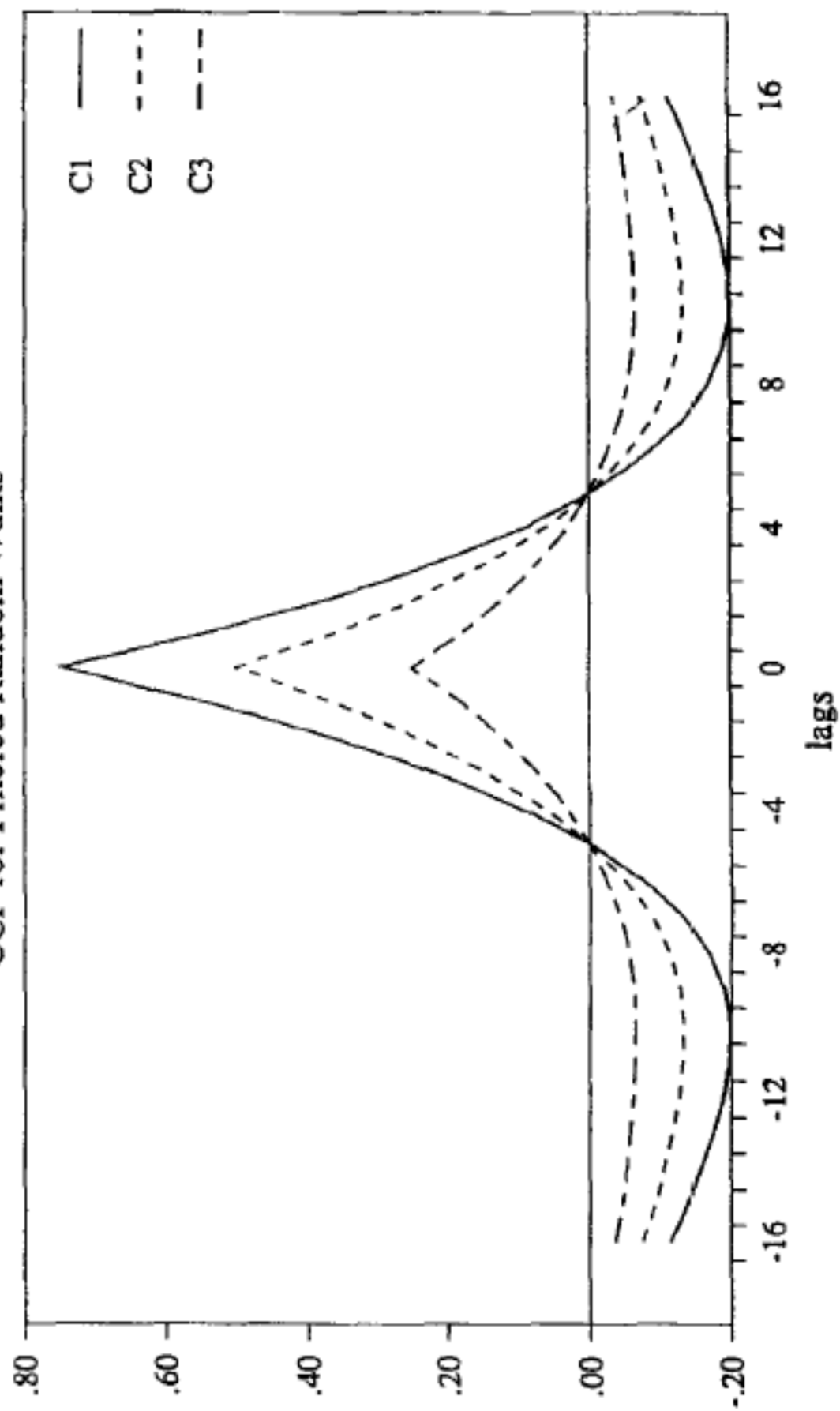
Squared gain of HP filter after differencing (Cogley-Nason, JEDC, 1995)



ACF for Filtered Random Walk



CCF for Filtered Random Walks



Correlation between s-period-ahead forecast errors for real GDP and price level (Den Haan, JME, 2000)

