Figures for spectral lecture

James D. Hamilton
\[ \cos(2\pi 3t/T) \]

\[ \sin(2\pi 3t/T) \]
Squared gain of $1 - 0.8L$

\[(1 - 0.8L)\]
Squared gain of $1 + 0.8L$
Squared gain of $1/(1 - 0.8L)$
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)
Correlation between s-period-ahead forecast errors for real GDP and price level (Den Haan, JME, 2000)