$\upsilon := 350 \qquad \nu := 1 .. 20000$

$\lambda(\nu) := \frac{\upsilon}{\nu} \qquad j := \sqrt{-1}$

$\omega(\nu) := 2 \cdot \pi \cdot \nu \qquad k(\nu) := 2 \cdot \frac{\pi}{\lambda(\nu)}$

$P01 := 1 \qquad P02 := 1 \qquad r1 := 1 \qquad r2 := 1 \qquad P012 := 0.8 \qquad P022 := 0.4 \qquad P013 := 0.6 \qquad P023 := 0.3 \qquad P014 := 0.4 \qquad P024 := 0.8$

$t := 0, 0.0001 .. 0.5 \qquad f01 := 0 \qquad f02 := 0$

$t2(t) := t + \frac{0}{\upsilon}$

$y1(t) := (\omega(3000) \cdot t - k(3000) \cdot r1 + f01) \cdot 2 \cdot \frac{\pi}{180}$

$y2(t) := (\omega(3000) \cdot t2(t) - k(3000) \cdot r2 + f02) \cdot 2 \cdot \frac{\pi}{180}$

$y12(t) := (\omega(3500) \cdot t - k(3500) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y22(t) := (\omega(3500) \cdot t2(t) - k(3500) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y13(t) := (\omega(4000) \cdot t - k(4000) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y23(t) := (\omega(4000) \cdot t2(t) - k(4000) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y14(t) := (\omega(2500) \cdot t - k(2500) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y24(t) := (\omega(2500) \cdot t2(t) - k(2500) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y8000(t) := (\omega(8000) \cdot t2(t) - k(8000) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y20000(t) := (\omega(20000) \cdot t2(t) - k(20000) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y800(t) := (\omega(800) \cdot t2(t) - k(800) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$y400(t) := (\omega(400) \cdot t2(t) - k(400) \cdot r2) \cdot 2 \cdot \frac{\pi}{180}$

$P8000(t) := 1 \cdot \exp(j \, y8000(t)) \qquad P20000(t) := 0.22 \cdot \exp(j \, y20000(t))$

$P800(t) := 0.15 \cdot \exp(j \, y800(t)) \qquad P400(t) := 0.4 \cdot \exp(j \, y400(t))$

$P1(t) := P01 \cdot \exp(j \cdot y1(t))$

$P2(t) := P02 \cdot \exp(j\, y2(t))$

$P12(t) := P012 \cdot \exp(j\, y12(t))$

$P22(t) := P022 \cdot \exp(j\, y22(t))$

$P13(t) := P013 \cdot \exp(j\, y13(t))$

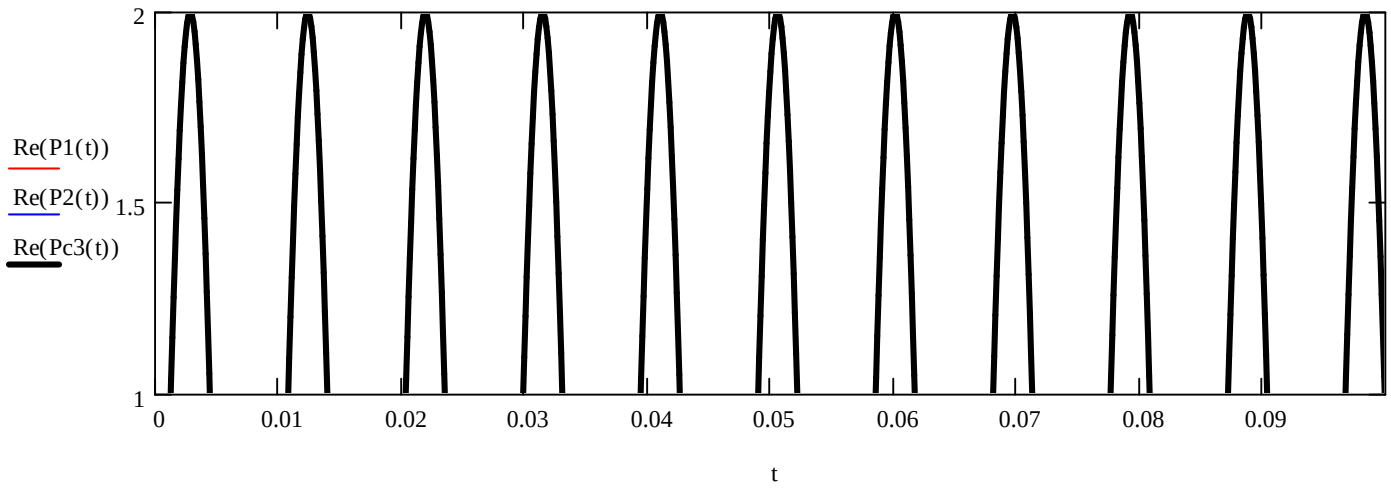
$P23(t) := P023 \cdot \exp(j\, y23(t))$

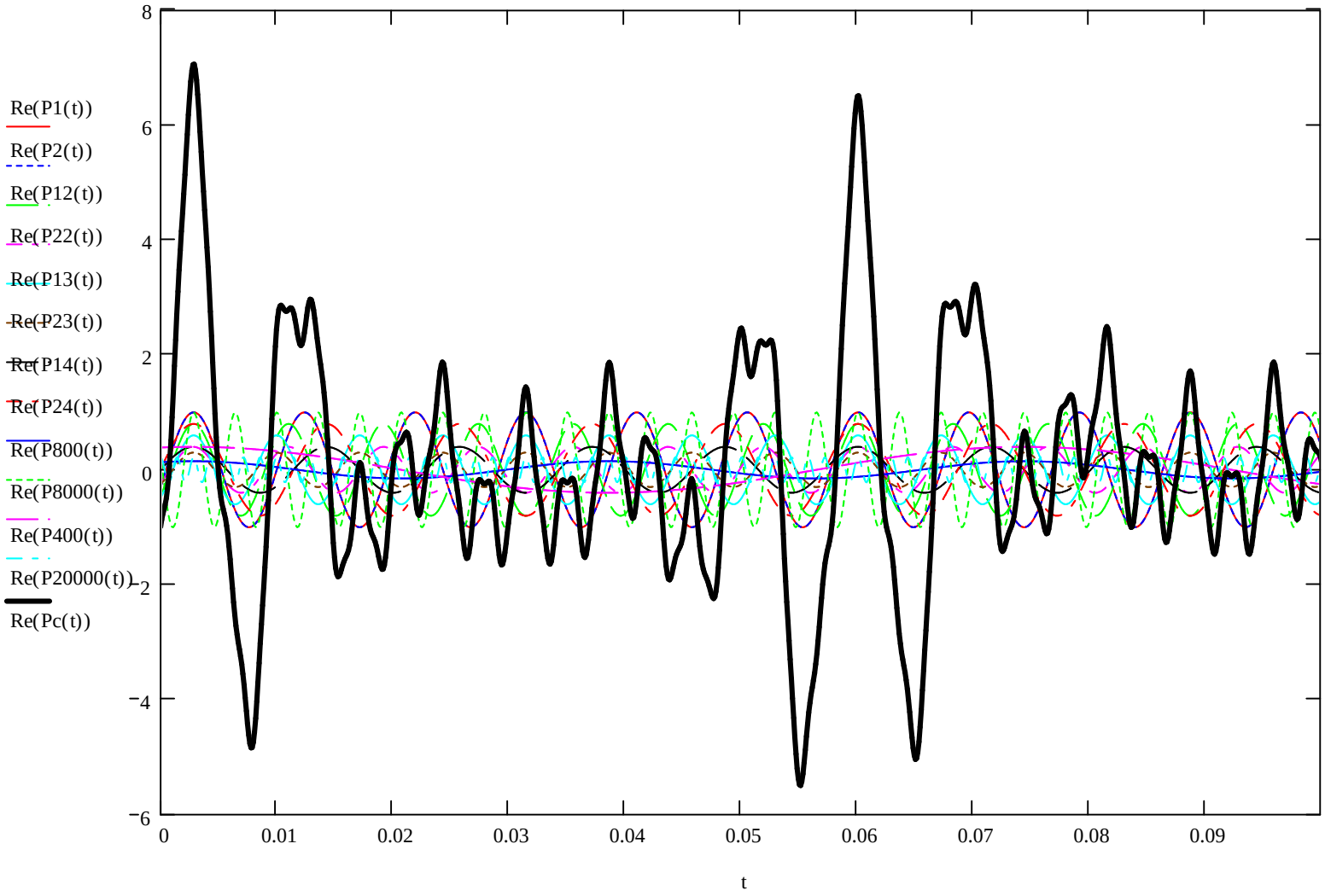
$P14(t) := P014 \cdot \exp(j\, y14(t))$

$P24(t) := P024 \cdot \exp(j\, y24(t))$

$Pc(t) := P1(t) + P2(t) + P12(t) + P22(t) + P13(t) + P23(t) + P14(t) + P24(t) + P8000(t) + P20000(t) + P800(t) + P400(t)$

$Pc3(t) := P1(t) + P2(t)$




Re(P1(t))
Re(P2(t))
Re(P12(t))
Re(P22(t))
Re(P13(t))
Re(P23(t))
Re(P14(t))
Re(P24(t))
Re(P800(t))
Re(P8000(t))
Re(P400(t))
Re(P20000(t))
Re(Pc(t))
8
6
4
2
0
−2
−4
−6
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
t