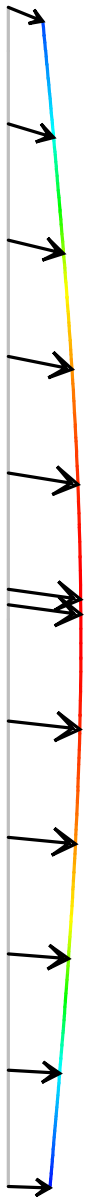


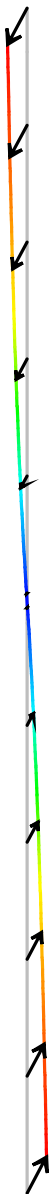
Mode1 : $f= 3.25920E+01\text{Hz}$



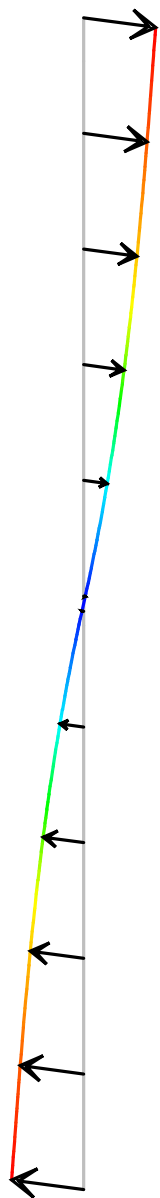
Mode2 : $f= 3.25920\text{E}+01\text{Hz}$



Mode3 : $f= 3.69484E+01\text{Hz}$



Mode4 : $f= 6.65064E+01\text{Hz}$



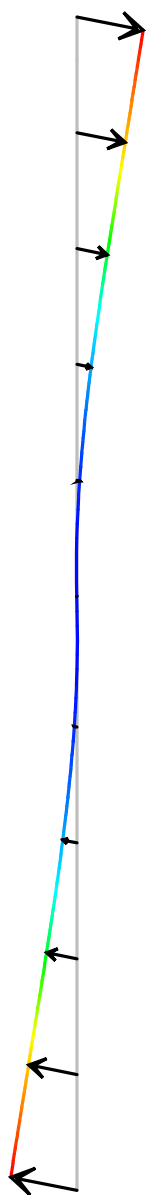
Mode5 : $f = 6.65064 \times 10^1 \text{ Hz}$



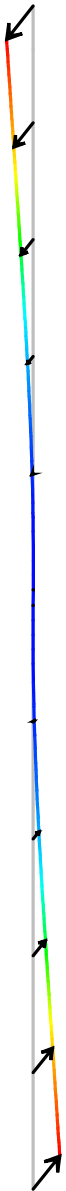
Mode6 : $f= 2.68923E+02\text{Hz}$



Mode7 : $f= 2.68923E+02\text{Hz}$



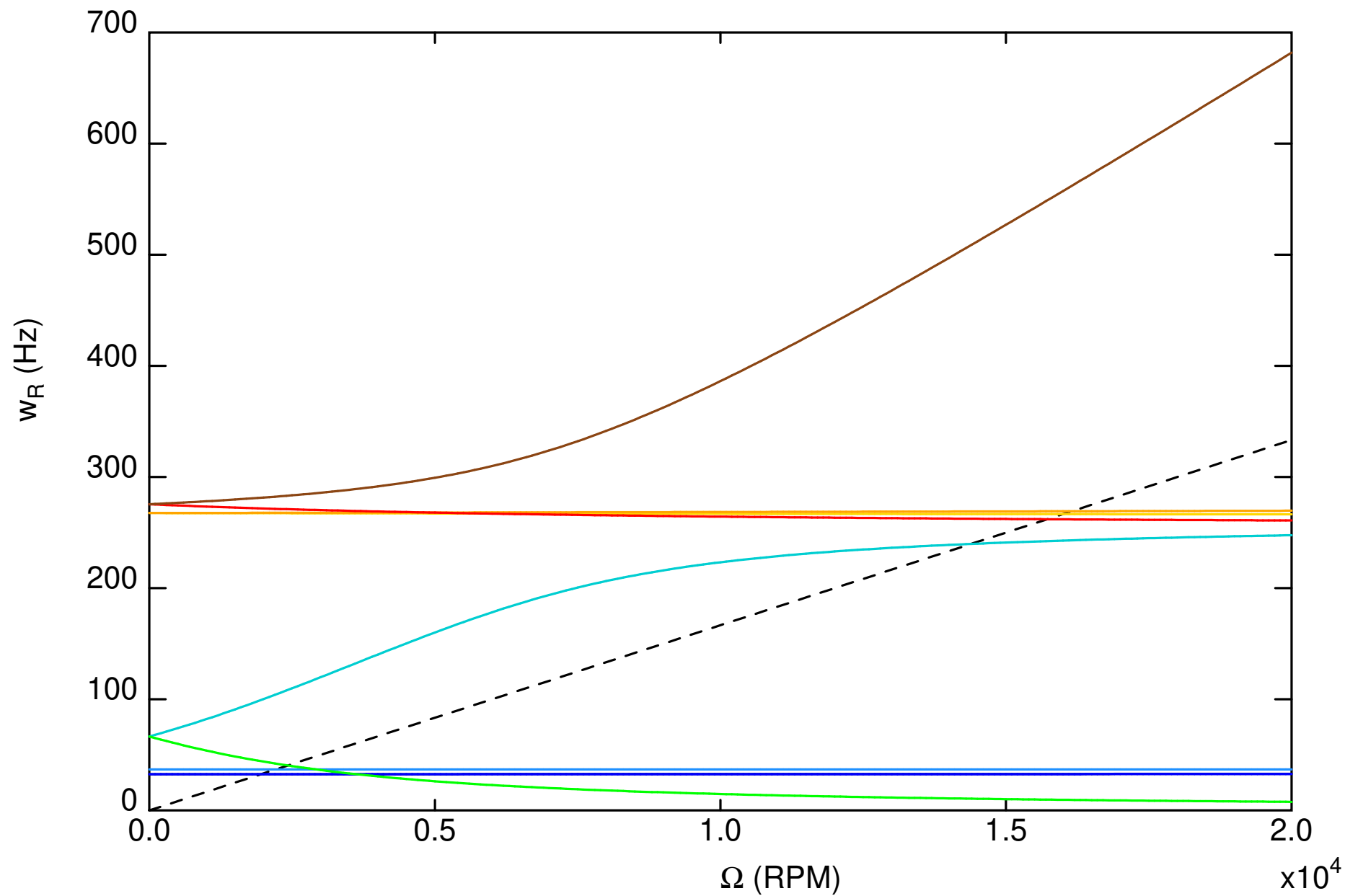
Mode8 : $f = 2.76896 \times 10^2 \text{ Hz}$



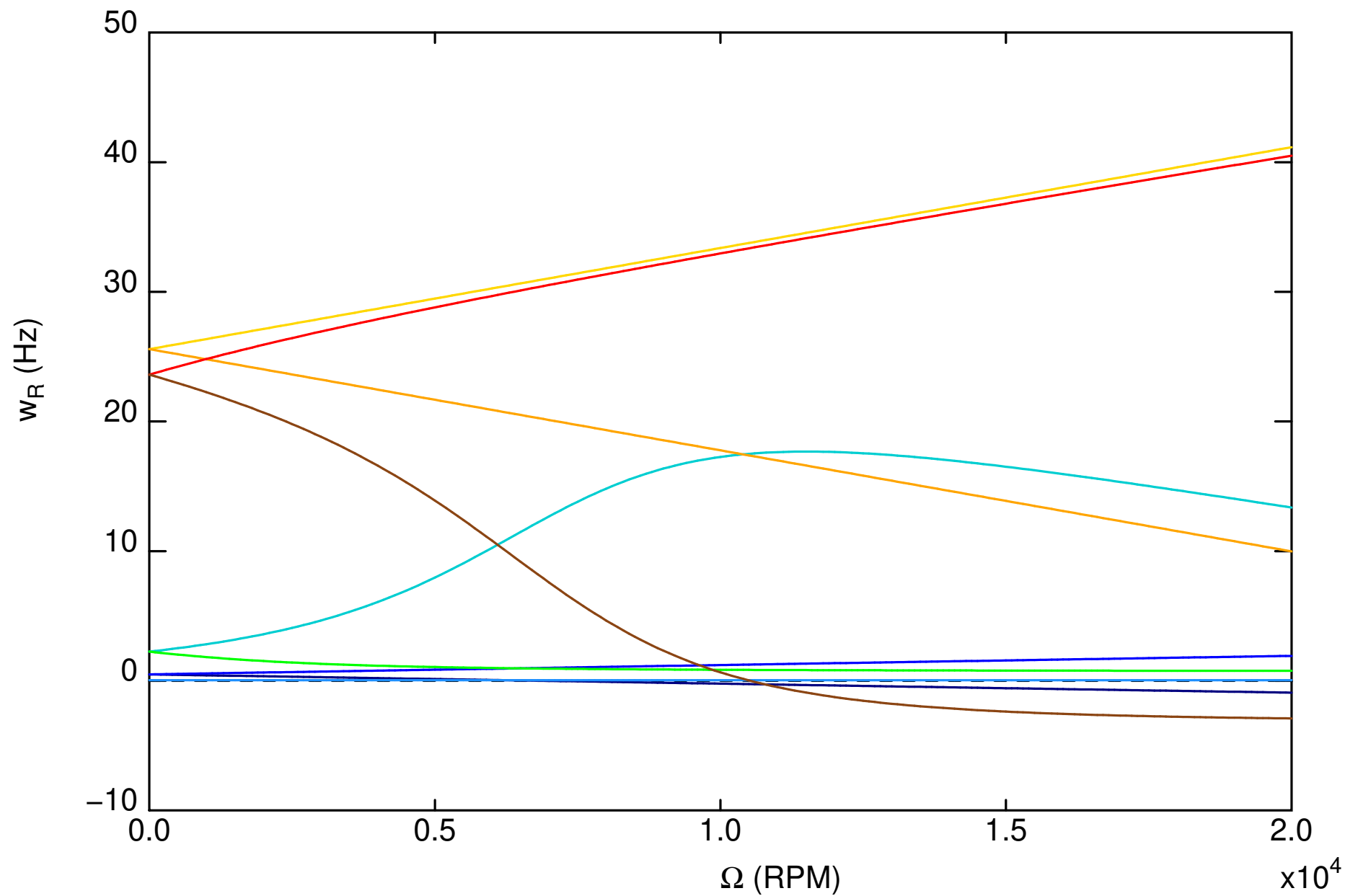
Mode9 : $f= 2.76896E+02\text{Hz}$



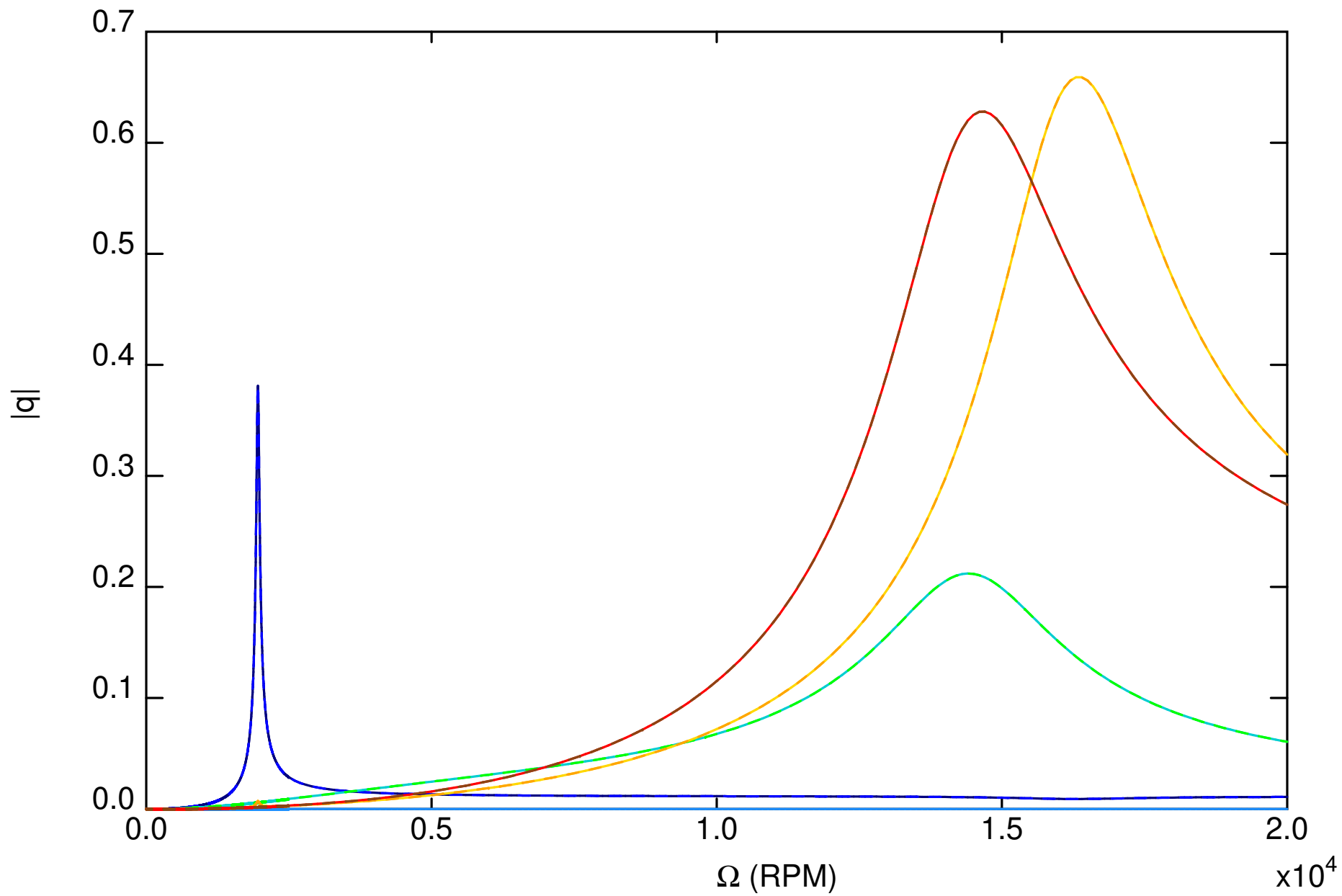
Mode 3 : RZ



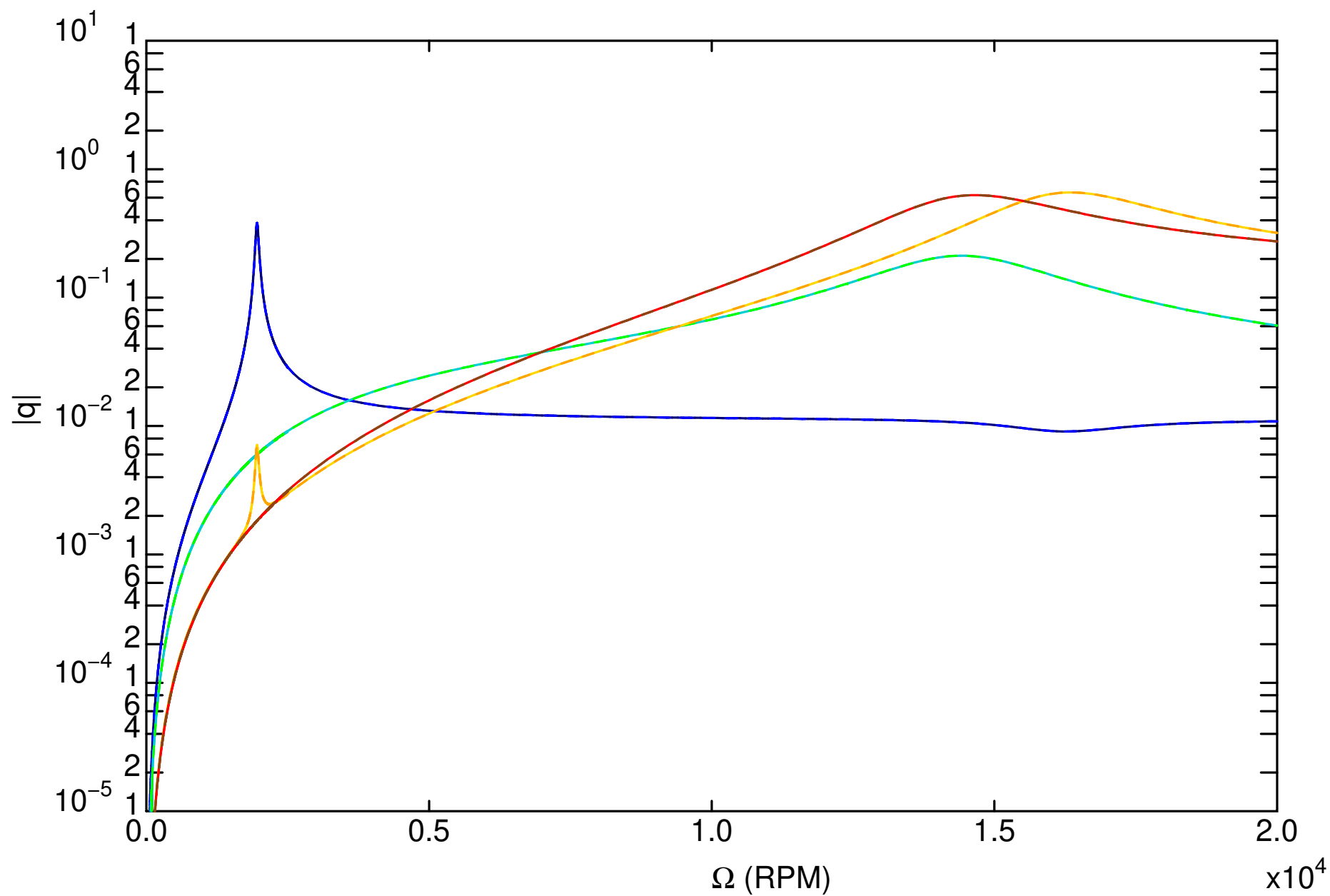
Campbell diagram



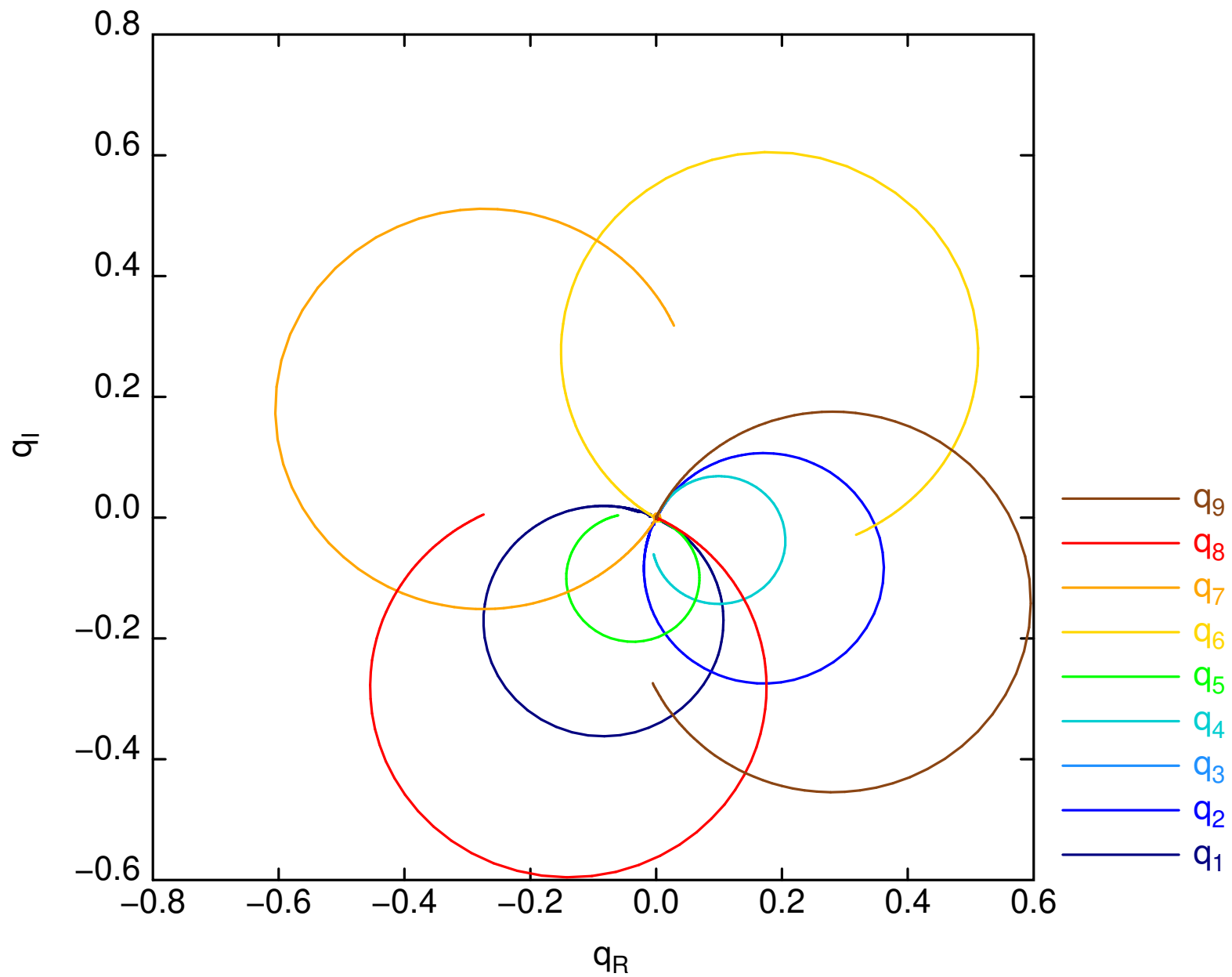
Campbell diagram



Unbalance response : amplitude



Unbalance response : amplitude



Unbalance response : Nyquist