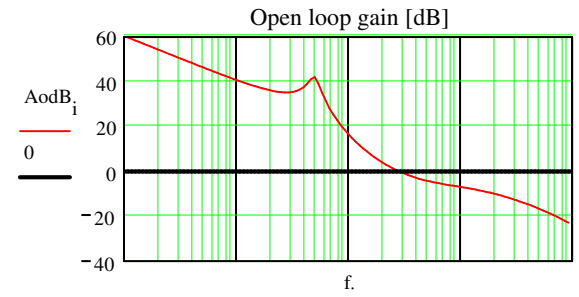
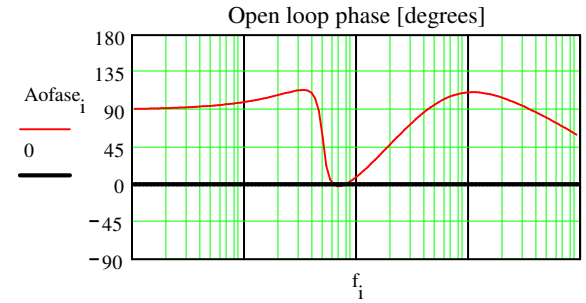
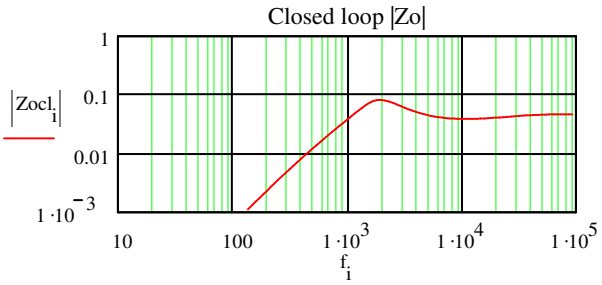




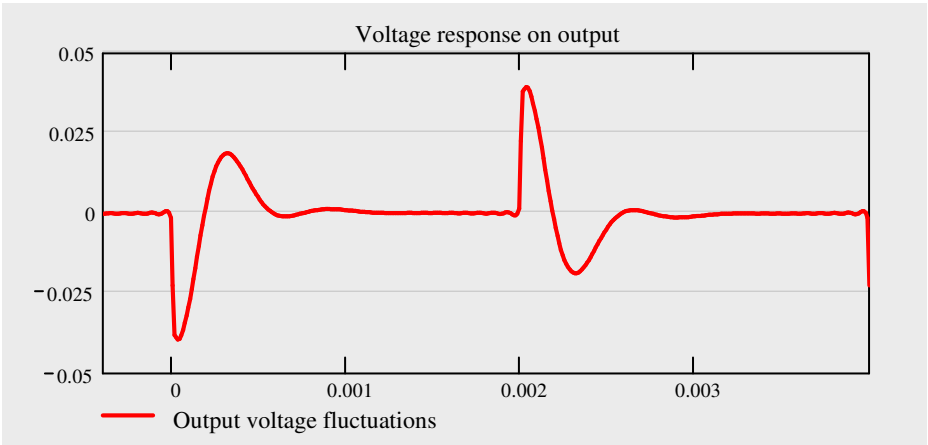


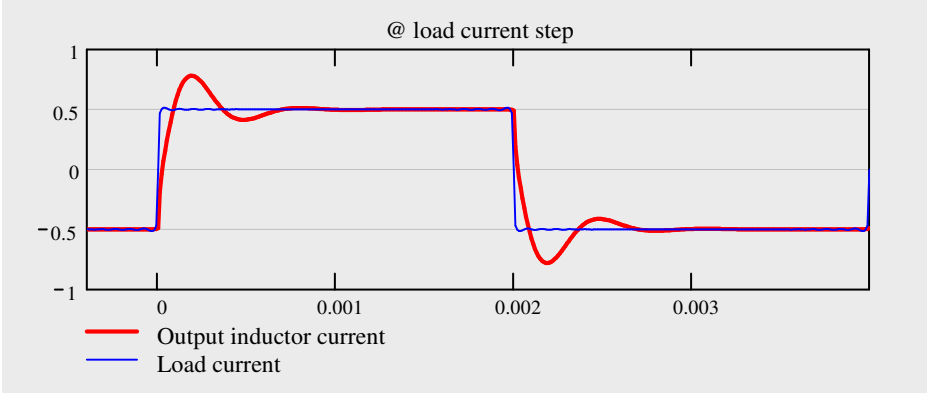
Load your network variables here:

Pulse width modulator gain:	Apwm ≡ 0.5	[V-1]
OP AMP gain * bandwidth:	f0dB ≡ $1\cdot10^{6}$	
OP AMP feedback resistor:	Rf ≡ $22\cdot10^{3}$	
OP AMP feedback capacitor:	Cf ≡ $10\cdot10^{-9}$	
Upper resistor in voltage diviver:	R1a ≡ $33\cdot10^{3}$	
Capacitor in parallel to R1a:	C1 ≡ $2.2\cdot10^{-9}$	
Middle resistor in voltage diviver:	R1b ≡ $5\cdot10^{3}$	
Lower resistor in voltage divider:	R2 ≡ $10\cdot10^{3}$	
Output capacitor:	Co ≡ $1000\cdot10^{-6}$	
ESR in output capacitor:	ESR ≡ 0.045	
C || output capacitor:	C ≡ 0	
Dynamic load resistance:	Rload ≡ 100	
Output inductor:	L ≡ $100\cdot10^{-6}$	
ESR in output inductor:	Rs ≡ 0.02	
Input voltage:	Vi ≡ 50	

Loop circuit diagram: see next page.

Test frequency: Fo ≡ 250 [Hz]
Current step size: Istep ≡ 1 [A]





Buck converter. Voltage mode control.