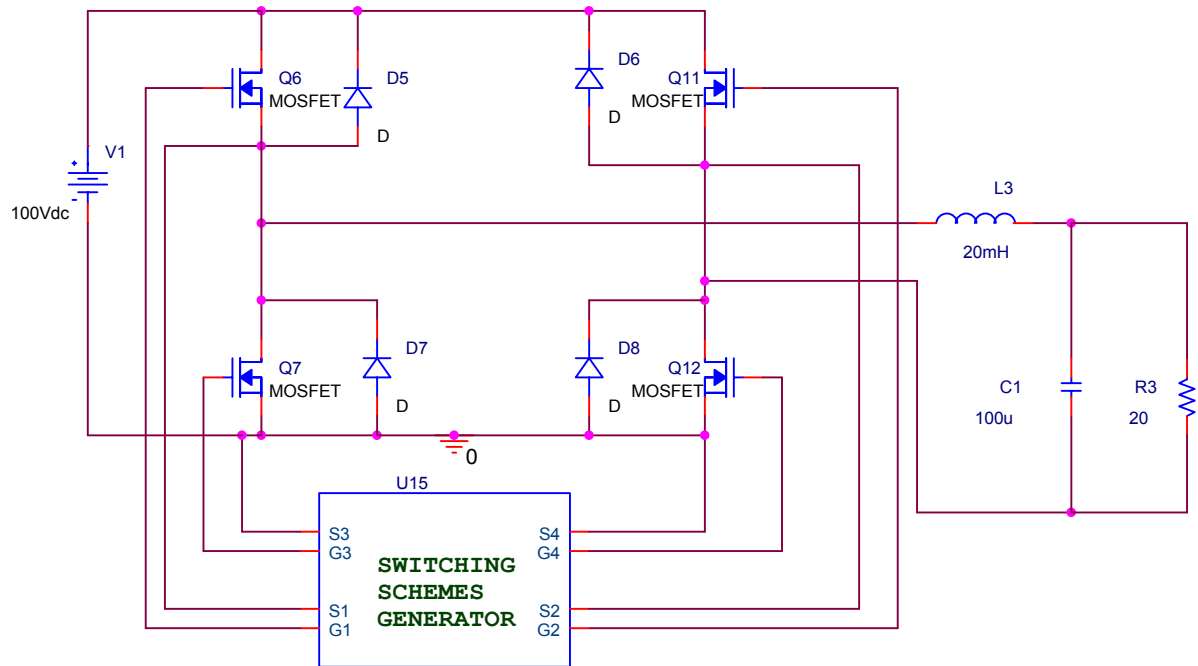


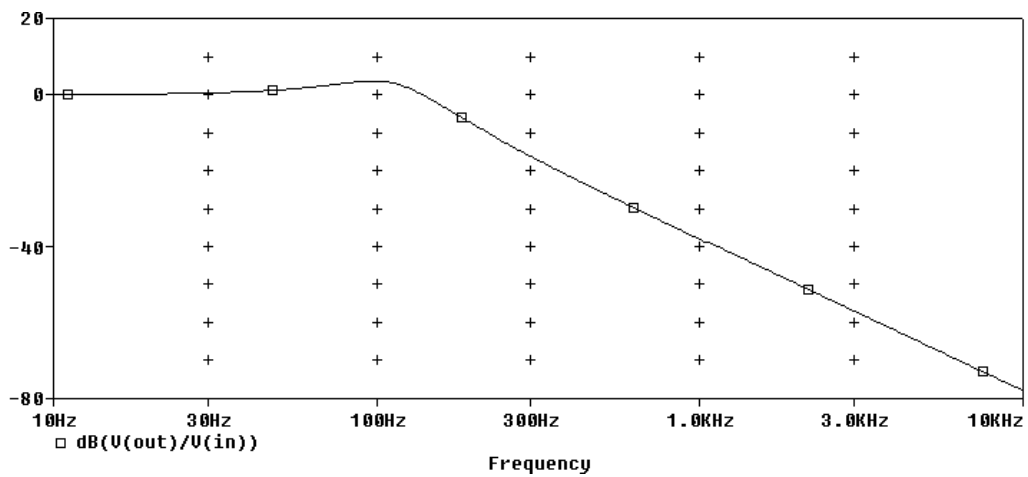
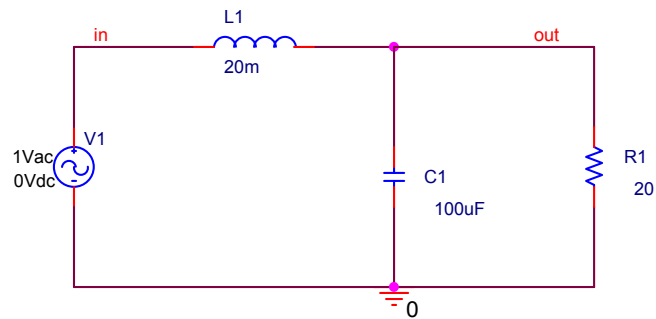
Quality of the output voltage - before and after filtering

Circuit configuration:



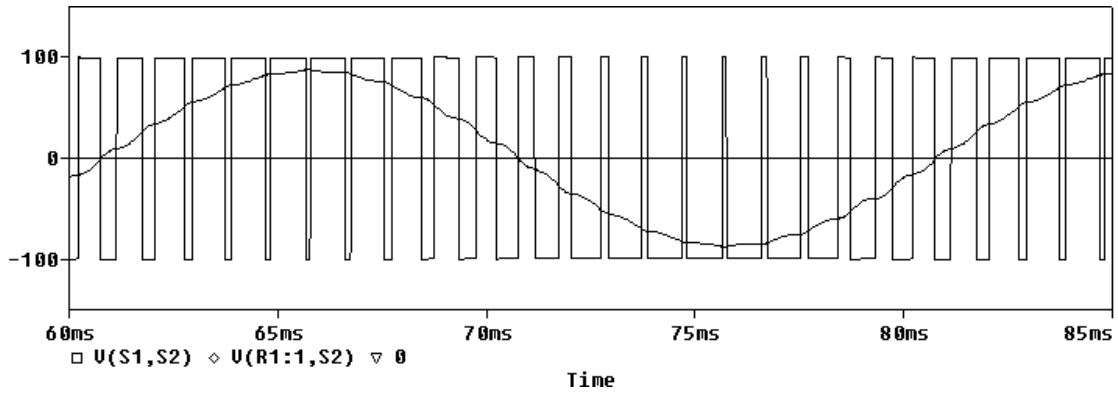
Filter characteristics:

$$f_{cut-off} \approx 100\text{Hz}$$



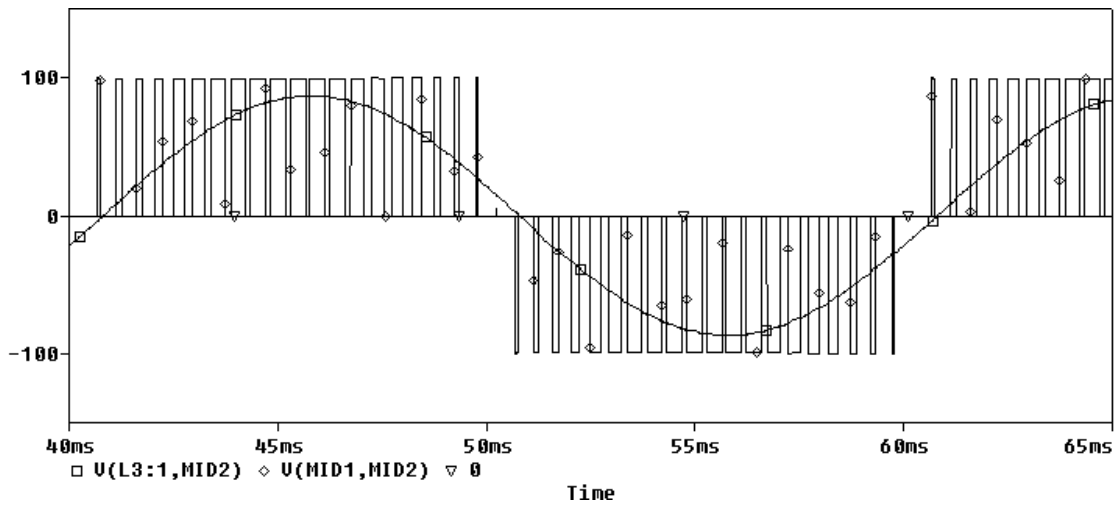
(i) SPWM-Bipolar

PARAMETERS:
FTRI = {FSINE*MF} Ma = 0.8
FSINE = 50 Mf = 21

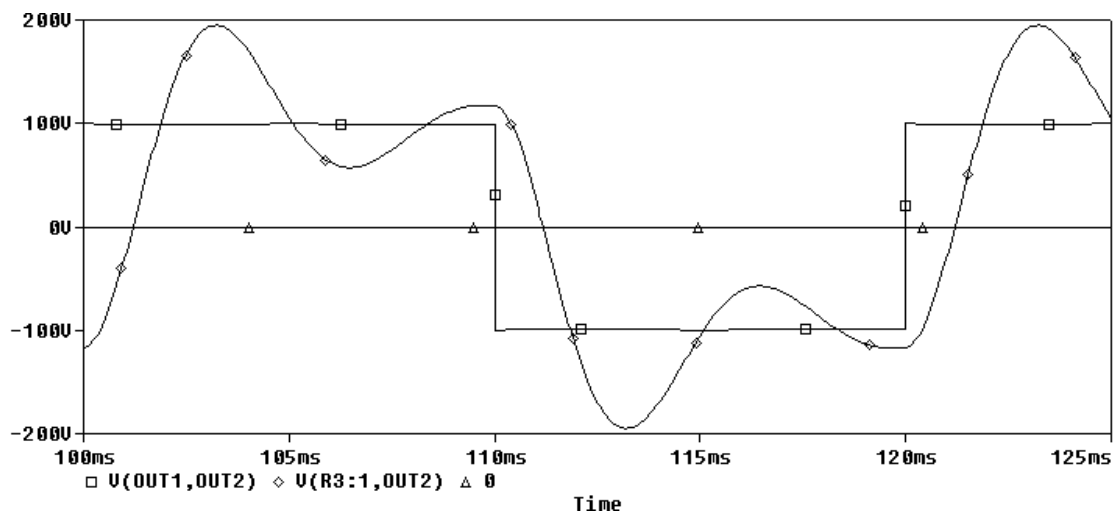


(ii) SPWM-Unipolar

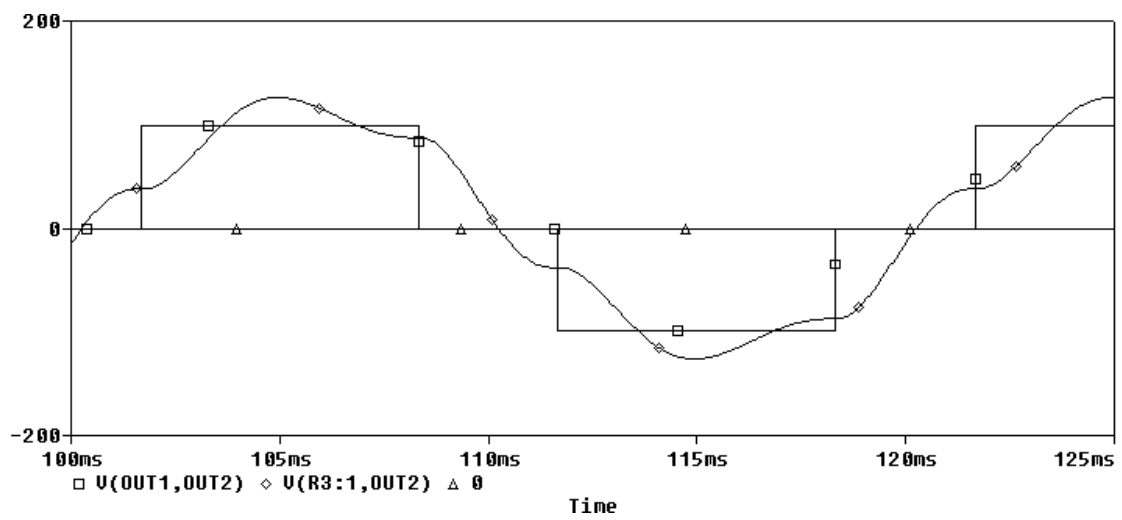
PARAMETERS:
FTRI = {FSINE*MF} Ma = 0.8
FSINE = 50 Mf = 21



(iii) SW



(iv) QSW at $\alpha = 30^\circ$.



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