

Figure 5.3: Simulink diagram of current commutated chopper

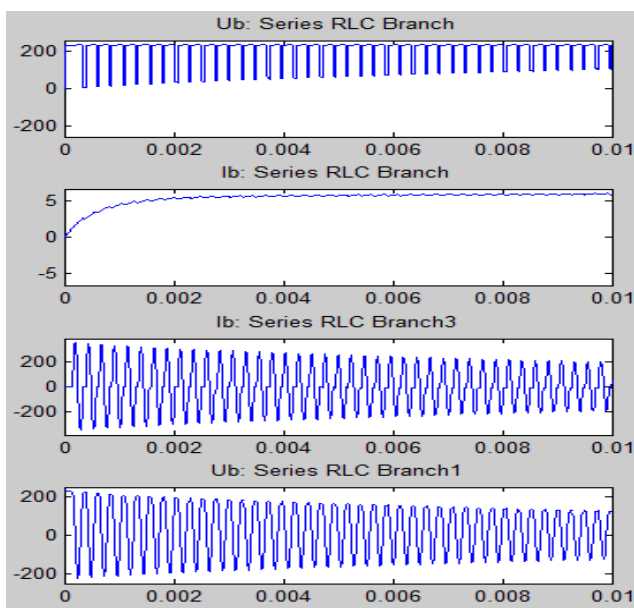


Figure 5.4: Output Waveform of current commutated chopper

6. Conclusion

In this paper we successfully study the simulation of Current Commutated Chopper and Voltage Commutated Chopper on Matlab. We also study the control strategies of Current & Voltage Commutated Chopper. The discharging and charging time of commutation capacitor are dependent on the load current and this limits high frequency operation, especially at low load current Chopper cannot be tested without connecting load.

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