

TITLE: Op-Amp Based Asymmetric Astable Multivibrator for PWM Motor Control

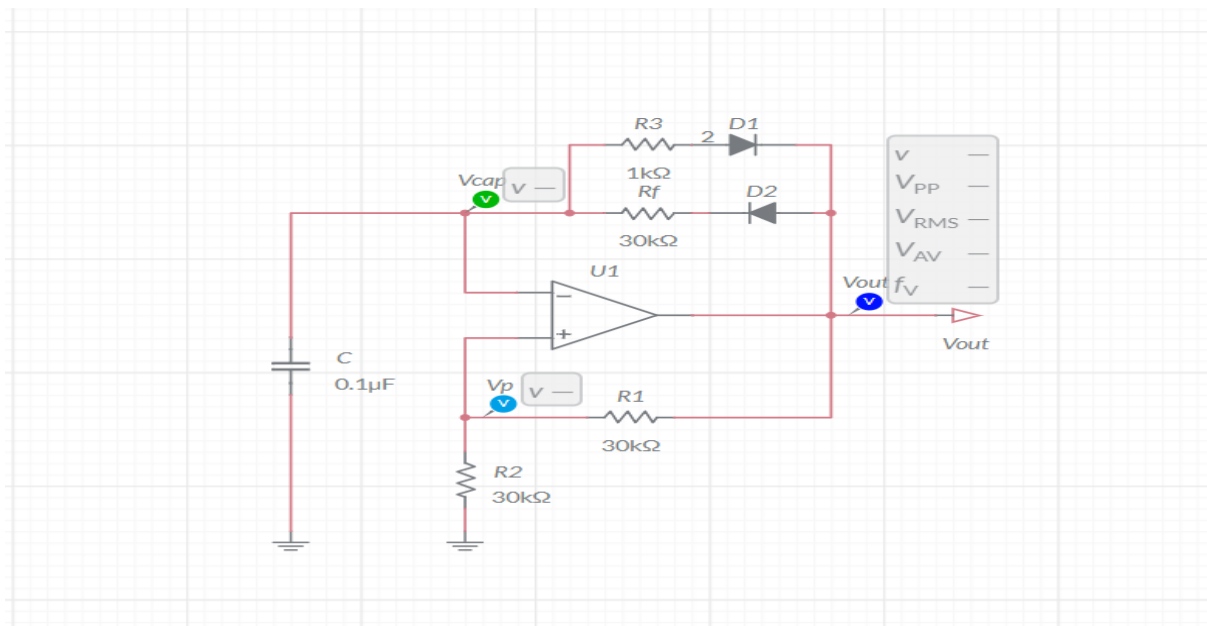
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PROBLEM STATEMENT

Design and analyze an asymmetric astable multivibrator using an operational amplifier (Op-Amp) to generate a continuous square wave with adjustable frequency and duty cycle. The experiment will involve selecting resistor and capacitor values, analyzing the output waveform, and comparing the measured frequency and duty cycle with theoretical calculations.



JOURNAL/PUBLICATION DETAILS

TITLE OF THE PAPER: Getting PWM with an astable multivibrator (square wave generator)

AUTHOR: D Brown,M.Alin

REFERENCE

<https://electronics.stackexchange.com/questions/21654/getting-pwm-with-an-astable-multivibrator-square-wave-generator>