Mendeley IMMD- pwm

# Harmonic analysis of space vector modulated PWM waveforms

asymmetrical regularly sampled triangulation technique to generate waveforms 🡺 replaced wiht SV PWM

## 1 Introduction

Real Time Control 🡺 microprocessor

**Modulation methods**

## 2 Space vector PWM waveform generation

asymmetrical regularly sampled tri- angulation (subharmonic) method 🡺 modulation technique

Space Vector Modulation 🡺 3 phase 8 states with 2 null states

a desired fundamental sinewave component and an essentially triangular third harmonic waveform