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This paper work provides successful attempt to analysis of space vector pulse width modulation (SVPWM) for the three phase voltage source inverter (VSI). A Matlab Simulink based model ...

It also implements a closed loop three phases DC-AC converter controlling its outputs voltages amplitude and frequency using MatLab. Also comparison between SVPWM & SPWM results is ...

Consider the concept of space vector modulation for motor control on a three-phase inverter with six switches represented by the following equivalent circuit. Note, there are eight valid ...

Because of its higher dc bus utilization and lower harmonic distortion than SPWM, Space Vector Modulation has become a common PWM technique for three-phase Voltage ...

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