

## عنوان مقاله:

Offering an Approach in Order to Minimize the Total Harmonics Distortion of 3-Phase Induction Motor Currency

## محل انتشار:

کنفرانس بین المللی یافته های نوین پژوهشی در مهندسی برق و علوم کامپیوتر (سال: 1394)

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## خلاصه مقاله:

This paper presents the simulation studies on closed-loop speed control for 3-phase Induction Motor by applying V/F method. This induction motor is fed by three and five-level diode clamped voltage source inverter (VSI). Sinusoidal pulse with modulation technique is used to control inverter powerswitches. The harmonics of phase current is analyzed. Then Selective harmonics is eliminated by comparison of sine wave with modified triangle carrier. In this method, we could eliminate selective harmonics with no need to complex equations solving

## کلمات کلیدی:

(Voltage Source Inverter (VSI), Voltage Source Inverter (VSI), Total Harmonic Distortion (THD

## لینک ثابت مقاله در پایگاه سیویلیکا:

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