

**عنوان مقاله:**

Five-level Cascaded H-Bridge Inverter with Predictive Current Control

**محل انتشار:**

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**نویسنده:**

Shahrouz Ebrahimpanah - School of Automation, Wuhan University of Technology

**خلاصه مقاله:**

This paper presents different kinds of grid-tied cascade H-bridge inverter and has a look to predictive current control technique. Finally the simulation result will show a Model predictive current control of a five-level cascaded H-bridge inverter indifferent sampling times by using MATLAB Simulink software. And this Model Predictive current controller for the five-level cascaded H-bridge inverter times has been created to display Total Harmonic Distortion level of the .load and reference current pursuing for a step change with different sampling frequencies

**کلمات کلیدی:**

(Cascaded H-bridge (CHB) multilevel inverter, Predictive current control, Total Harmonic Distortion (THD

**لینک ثابت مقاله در پایگاه سیویلیکا:**

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