Title: Inverter instantaneous voltage
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This paper presents a low-voltage ride-through technique for large-scale grid tied photovoltaic converters using instantaneous power ...

The development of electric-hybrid vehicles requires three-phase (3-phase) power measurements on electric drives. This article describes the function of the pulse width modulated inverter as ...

This paper presents a low-voltage ride-through technique for large-scale grid tied photovoltaic converters using instantaneous power theory.

To solve the issues faced in grids with IDG, a fault detection method that utilizes instantaneous power theory is proposed. Simulation and experimental results illustrate how this theory can ...

In this paper, a current-limiting scheme is proposed for the voltage-controlled inverter. The method utilizes instantaneous current to quickly activate a resist.

In this paper, a strategy for detecting the instantaneous phase voltage is presented. The approach consists of integrating the switched phase voltage over either a full, or half PWM cycle.

In this paper, the common sources of voltage measurement error are identified and an instantaneous voltage measurement technique is presented that significantly reduces ...

The paper proposes a way to reduce the CMV instantaneous values of a three-phase MLVSI to the opposite in sign levels of one third of a base (unit level) value of the ...

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