Title: Single-phase voltage tracking inverter

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In this paper, mathematical formula is derived for voltage tracking strategy, and its validity and robustness are demonstrated for both steady-state and transient conditions.

In this paper, a single-phase full-bridge grid-tied inverter is considered for home-based photovoltaic applications. The dc-dc ...

A single-phase LCL-type inverter has been widely used in industrial grid connection applications. This paper studies the output tracking control problem for this type of ...

In this paper, a mathematical relationship of a combined PI controller for an inverter is derived for the instantaneous voltage tracking strategy, and its validity and robustness are...

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This paper deals with the sampled-data semi-global robust practical output voltage tracking problem for single-phase voltage source uninterruptible power supply

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This paper analyzes the working principle of the single-phase inverter, studies the problems of slow dynamic response and weak anti-interference ability of the

In this paper, a single-phase full-bridge grid-tied inverter is considered for home-based photovoltaic applications. The dc-dc converter is inevitable in boosting the voltage and ...

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