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Title: Three-phase inverter secondary ripple

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Accordingly, this article proposes a novel co-operative current ripple reduction strategy based on zero vector redistribution for the typical two-level three-phase inverters.

Abstract: This paper provides a comprehensive analysis of the capacitors voltage switching ripple for three-phase three-level neutral point clamped (NPC) inverter topologies.

Abstract: This paper gives the complete analysis of the output current ripple in three-phase voltage source inverters considering the different discontinuous pulse-width modulation (DPWM) ...

Further on, it gives the complete analysis of the peak-to-peak output current ripple in three-phase inverters, with reference to the optimal modulation and three-phase loads, such ...

Abstract The three-phase voltage source inverter (VSI) is de facto standard in power conversion systems. To realize high power density systems, one of the items to be ...

In this paper the complete analysis of peak-to-peak output current ripple is further developed for three-phase PWM inverters, with reference to continuous symmetric PWM, either carrier ...

Phase angle with minimum ripple can be identified, that is  $50^\circ / 60^\circ$ , and a phase angle with maximum ripple, that is  $90^\circ$ . These aspects are further developed in the following section.

Analysis of output current ripple of three-phase PWM inverters with discontinuous modulation is presented. The analytical expressions for discontinuous modulation injection signal are ...

The target of this manuscript is to provide a thorough analytical description of the phase and neutral current ripple characteristics in three-phase, two-level, four-leg, grid-connected ...

A complete analysis of the ac output current ripple in four-leg voltage source inverters considering multiple modulation schemes is provided.

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