

Physical Interpretation of the Reactive Power in Terms of CPC Power Theory Revisited

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Recently the authors have developed a time-domain representation of the Currents' Physical Components (CPC) power theory. Consequently, piece-wise continuous currents and voltages, such as square waves and sawtooth signals, can naturally be taken into account without approximating them by a finite number of harmonics. Based on the time-domain CPC approach, this paper refines and corrects some of the assertions made by Czarnecki in his paper 'Physical Interpretation of the Reactive Power in Terms of CPC Power Theory'.



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