



# Harmonic Compensation of Voltage and Current Using UPQC

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GRIN Verlag GmbH Aug 2014, 2014. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Research Paper from the year 2014 in the subject Engineering - Power Engineering, grade: 4.2, -, language: English, abstract: In this paper a novel control method based on Synchronous Reference Frame Theory (SRFT) is proposed to compensate power quality problems through a three- phase Unified Power Quality Conditioner (UPQC) under unbalanced and distorted load conditions. The performance of the proposed system has been verified using MATLAB-SIMULINK and are discussed in detail in this paper. 12 pp. Englisch.



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