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Ozenbaugh Richard L., Pullen Timothy M. EMI Filter Design ... EMI Filter Design: 3rd Edition (Hardback) - Routledge. Equations and dB Loss Triple Filter: Return to Book Page. Michael Hoopes rated it really liked it Mar 26, The authors examine the causes of common- and differential-mode noise and methods of elimination, the source and load impedances for various types of input power ozenbzugh, and the load impedance aspect of EMI filter design.

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The EMI filter design is very loose compared with that used by the conventional filter manufac- turer, especially if the EMI filter designer uses the techniques mentioned in the preface of this book. These techniques would upset most of the normal filter, or wave filter, designers.

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In this work an EMI filter design and realization for an ultra-compact three-phase/level PWM rectifier (cf., Fig. 1 where DN^+ DN^- S_1^+ S_1^- L_1 L_2 L_3 $V_o/2$ $V_o/2$ M i_{N1} i_{N2} i_{N3} CD CD CS CD CD CD CD CD $heat-sink$ Co Co $DF1^+$ $DF1^-$ EMC $input$ $filter$ LCM N' V_{N1} V_{N2} V_{N3} N C CB_n CB_p CE a b c Fig. 1: Schematic of the three-phase/level PWM rectifier including ...

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