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1.10 CANTIDADES EN POR UNIDAD .-. 23 Se usan las ecuaciones (1.37), (1.39) y (1.40) para calcular P, Q y IS 1 en redes trifásicas balanceadas ya que, generalmente, se conocen el voltaje línea a línea, la corriente de línea y el factor de potencia cos ϕ . Cuando se habla de un sistema trifásico se suponen, a menos que se indique otra cosa, condiciones ...

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1 Basic Concepts 2 Transformers 3 The Synchronous Machine 4 Series Impedance of Transmission Lines 5 Capacitance of Transmission Lines 6 Current and Voltage Relations on a Transmission Line 7 The Admittance Model and Network Calculations 8 The Impedance Model and Network Calculations 9 Power Flow Solutions 10 Symmetrical Faults 11 Symmetrical ...

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This book is an adaptation of Power System Analysis and Elements of Power System Analysis written by Professor Emeritus John J. Grainger and the late Professor William D. Stevenson of North Carolina State University. The original contents have been revised with the inclusion of some new contents to keep up with the recent advances in electric ...

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