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Power System Analysis Power Flow Analysis Fault Analysis Power System Dynamics and Stability Lecture 227-0526-00, ITET ETH Zurich GoranAndersson EEH - Power Systems Laboratory ETHZürich September2012

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Basics of Power System Control and Protection

power to different loads. Thus power system network is large, complex and very expensive. Power system analysis deals with analysis problems associated with power network. Power Flow Analysis, Short Circuit Analysis and Transient Stability Study are the main Power System Analysis Problems.

EE 0308 POWER SYSTEM ANALYSIS Dr.R.Jegatheesan Professor

POWER SYSTEM-II (3-1-0) MODULE-I (10 HOURS) Lines Constants: Resistance, inductance and capacitance of single and three phase lines with symmetrical and unsymmetrical spacing transposition, charging current, skin effect and proximity effect, Performance of transmission Lines: Analysis of short, medium and long lines,

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