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Power System Analysis Power Flow Analysis Fault Analysis Power System Dynamics and Stability Lecture 227-0526-00, ITET ETH Zurich Goran Andersson EEH - Power Systems Laboratory ETH Zürich September 2012. ii. Contents Preface vii I Static Analysis 1 1 Introduction 1

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Basics of Power System Control and Protection A. P. Sakis Meliopoulos ... ECE4320 ECE4320 Power System Analysis ECE4321 ECE4321 Power System Engineering ECE4330 ECE4330 Power Electronics ECE4325 ECE4325 Electric Power Quality. NSF/ECEDHA Education Workshop Georgia Tech GLC, Atlanta, Georgia, July 9-12, 2011 1.4

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circuit analysis, followed by two semesters of power engineering with Felix Wu. This curriculum hardly made

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power system analysis, and the standard method used is referred to as the per-unit system. Historically, this was done to simplify numerical calculations that were made by hand.

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