Charles Kim, "Lecture Notes on Fault Detection and Location in Distribution Systems," 2010.









Lecture 2

- Faulted Power System Analysis

- Faulted power system variables
- Symmetrical fault current calculation
- Asymmetrical fault calculation
- Symmetrical (sequence) component
- Sequence component application to asymmetrical faults
- Fault current distribution
- Review and Practice with Mathcad Tutorial

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Assignment and/or Exam

- Breaks and Lunch Hour
 - 10 minute break + 1 lunch hour + 10 minute break
- Assignment (in-class)
 - Novosel Algorithm Implementation
- Exam
 - Monday 14 JUNE 2010 @9-12
 - Problem (a patent or publication) will be delivered OR announced at the last hour of the lecture
 - (1) Implementation (testing) with Mathcad coding for a given problem and (2) Improvement.
 - Email submission time period will be given --- Monday 14 June 2010 by 11pm (?)

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