

Department of Civil Engineering
2014 Autumn Semester
Yoshimura Chihiro

Water Quality Dynamics

Outline #6: Difference Method

1. Exercise
(Ex-13 and 14 cancelled)
 2. General Procedure on Water Quality Model
 - Analytical and numerical solution
 - Model calibration and validation
 3. Difference Method
 - Finite difference / Finite element
 - Taylor expansion
 4. Exercise
 - Ex-18
 5. Homework
 - Ex-15, 16, 17 and 19
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