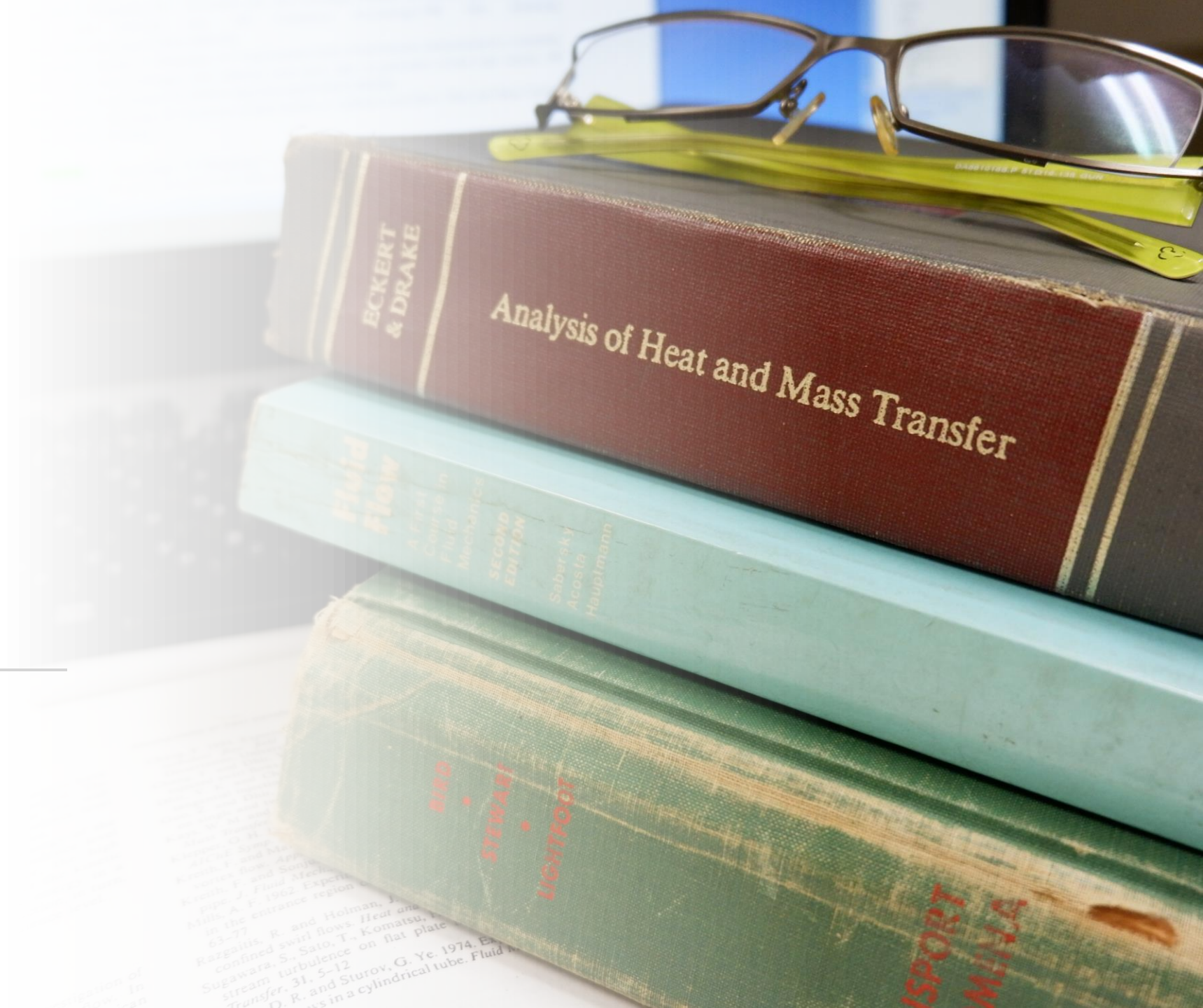


Heat Transfer for Industrial Applications





Overview

Course objective:

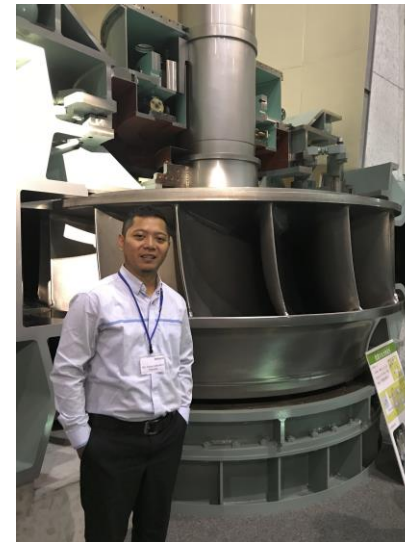
- - To understand of a heat transfer mechanism for fluids and solids through conduction, convection, and radiation
- - To understand the application of heat transfer in various equipment in Industries, particularly for heat exchanger

Course Outcome:

- - Ability to understand and solve conduction, convection, and radiation problems
- - Ability to analyze the performance of heat exchanger through analytical and numerical study.

In collaboration between Universitas Sebelas Maret, Kyushu University (Japan), PT PLN (Persero) and PT Kawasaki Motor Indonesia

Instructors



Syllabus

Introduction to Heat Transfer

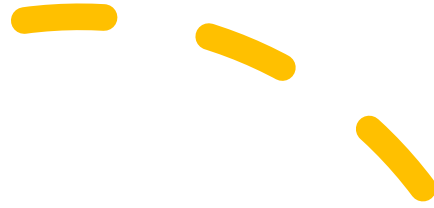
Convective Heat Transfer

Fundamentals of Heat Exchanger

Simulation of Heat Exchanger

Heat Transfer Application in Industry from
Kawasaki Heavy Industry

Heat Transfer Application in Power Plant from
National Electric Company (PLN)



See you in the class

