

26 Apr 2017
FAM

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Final Exam

- ① MY HANDOUT
(posted today)
- ② YOU - 2 sheets
both sides

Diff'n / Mass Xfn Topics

- notation (mass average v and molar average v^*)
- transport analogy
- * - Microscopic species balance - 1-D rect and 1-D radial (classic)
- Fick's Law of Diffusion
- convection + diffusion
- mass vs molar vs combined molar
- linear driving force $N_A = K_A (C_{A,bulk} - C_A^*)$
- unsteady diffusion
- * - macroscopic species balance (classic)

EMU TOPICS

Unit Op Notes

- distillation (equimolar counter diffusion)
- gas adsorption (wide - SA and height - separation)

(3)

Step 2: take raw topics,
and, as was done w/
the first half of the
course, organize them to
see how everything fits

Step 3: Put all HW problems
into the organizational
structure.

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