**SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY**

# Department of Materials and Metallurgical Engineering

Met 422 Homework 05 (Chapter 06, 07, and 09) 10/21

Submit to the Dropbox titled Homework 05

1) Problem 6.3 in textbook

2) Convert Eq (A) in Table 7.5 to dimensionless form and show the emergence of the Re, Prandtl (Pr), and Brinkman (Br) numbers.

3) Problem 9.1 in textbook

