Corrections to "Fundamentals of Chemical Reaction Engineering"
by Davis and Davis

Page xiii: "gcat" means grams of catalyst

Page 23: The title in Table 1.4.1 has the footnotes in reverse order. The words "hydrogenation" and "hydroformylation" should be interchanged to correct the error.

Page 77: Equation 3.4.4 in two places ($\nu_i r$) should be ($-\nu_i r$)

Page 86: the "k" in the rate expression at the bottom of the page should be "A" with an overbar.

Page 106: In last equation on page, $k_1/(k_2-k_2)$ should be $k_1/(k_2-k_1)$.

Page 118: second equation on the page illustrating the reaction of an enzyme with a substrate should have "*Es"* replaced with "*Ez"*.

Page 151: the "k_2" in equation (3) should be "k_3".

Page 173: the "k_2" in equation (3) should be "k_3".

Page 175: the equilibrium constant "K_2" in equations (5.4.15), (5.4.16) and the last equation on the page should be changed to "K_3".

Page 176: the "k_2" in the third reaction equation of Case 1 should be "k_3".

Page 177: the equilibrium constant "K_1" in the third reaction equation of Case 2 should be "K_3".

Page 187: need to clarify that "k_s" at the bottom of the page has units of length per time.

Page 214: the negative sign on the left hand side of equation (6.3.87) should be removed.

Page 214: a negative sign should be added to the left hand side of equation (6.3.89).

Page 252: Step 4 in the middle of the page should be corrected twice by replacing "*C_2H_5*" with "*C_2H_5", and replacing "*C_2H_6" with "C_2H_6".

Page 265: Correct the radioactive isotope of H and possibly P.

Page 271 (and 272): equation (8.3.10) should be for configuration II while equation (8.3.11) for configuration I

Page 271: within the square root it should be $\left(1+\frac{4\left(kC_A^0\tau_2\right)}{1+kC_A^0\tau_1}\right)$

Page 320: equation (10.2.4) in the definition of $F_A = vC_A$ remove the P and T terms

Page 327: all numbers in the third column for Z = 0.2 should be divided by 10, eg, the 0.782 value should be 0.0782.

Page 351: add a minus sign to the left hand side of equation (C.2.1)

Page 352: in equations (C.2.2) and (C.2.3) X in the derivative should be P