Errata: FUSION—An Introduction to the Physics & Technology of Magnetic Confinement Fusion, 2nd ed.

Chapter 1

P5 Table 1.1, add last row “ITER 6.2 2.0 5.3 15.0”

p10 Figure 1.8 In the y-axis label it should be “” not “”.

Chapter 2

p23 4 eqs in middle of page should have 3rd part



p24 3rd eq on page should be 

p28 Problem 2.12 at end of first line it should be  .

Chapter 3

p35 add to 2nd equation on page 

Chapter 4

p44 3rd equation from bottom, second term denominator should be .

p51 2nd from equation bottom equation . The subscript on B should be “ϴ”.

P51 at bottom add equation 

p53 in equation the denominator should be “ “.

Chapter 5

p70 second equation, the subscript on Ω in numerator of second form should be script “i”.

p70 at the bottom of the page add to the equation “

p78 the second eq on page should be 

Chapter 7

p93 The variable of integration in the third equation is a script “” not an “”.

p96 Add to the title of Fig. 7.4 “(The current in both loops is into the page at the bottom and out of the page at the top.)”

p106 in 3rd eq add “ “

p108 first equation the term in square brackets is 

Chapter8

P120 the sentence between the 2nd and third eqs should be “Here, as we have seen in Sec. 2.2”

p121 just above last equation the 7th word is “elliptic”.

p124 3rd equation, the term in first square brackets is  .

p124 3rd equation, the term in 2nd square brackets is .

p124 Set of 3 equations at bottom of page, the first term should be “” with a dot over the indicating a time derivative.

p130 the third equation should be “”.

P131 in second equation, the exponent term should be .

p133 in problem 8.13 first line insert “8.12” after “Problem”.

Chapter 9

p136 in first equation the first symbol should be a capital sigma “”, not a summation sign.

P141 first equation add “dE” at end.

p143 in first equation in the third term the symbol should be a capital sigma “” ,not a summation sign.

p148 in the 5th line of next-to-last para it should be “an”, not “and”.

Chapter 12

p213 in the second equation (for ) insert a “” between the “R” and the “a2”.

p213 add at end of last para “The Troyon factor  in current experiments.

P214 in last equation there should be a “ “ between the “R” and the “I” in denominator.

p216 at end of section 12.1.7 add paragraph “The total current is the sum of the inductive, non-inductive and bootstrap currents .”

P219 2nd para after “ASME Code” insert “(p180)”.

p220 in first eq., last term, the should be squared.

P230 in table add column between “Parameter” and “AT-DEMO” headed “ITER” with entries “500, 6.2, 5.3, 15, 2.0, 1.8, 3.0, ,1.8,0.5”.

p236 Prob 12.5 add a sentence at end “Use Pfusfrom problem 12.1.”