Factorization: Unique and Otherwise–Errata

Page 2, line 15: 14 should be 10

Page 9, line 12: $a =$ should be $\alpha =$

Page 24, line 12: $\|\alpha_2|$ should be $\|\alpha_2\|$

Page 37, line 5: delete first occurrence of "of"

Page 44, lines 9 and 21: $25 + 6i$ should be $24 + 6i$

Page 24, lines 13 and 24: $(16 + 5i)/8$ should be $2 + (3/2)i$

Page 67, line 8: $(4 + \sqrt{-907})/2$ should be $(4 + \sqrt{-907})$

Page 70, line -7: insert 91 after 78

Page 84, line 10: 47 should be 247

Page 84, line 14 should read: $169 = 13 \cdot 13 = (4 + 3\sqrt{-17}) \cdot (4 - 3\sqrt{17})$

Page 84, line 19: 89 should be 489

Page 85, line 5: $(3 - 2\sqrt{30})$ should be $(3 - \sqrt{30})$

Page 85, line 7: 35 should be 15 and $5 \cdot 7$ should be $3 \cdot 5$

Page 86, line -6: delete the second occurrence of -21

Page 86, line -3: $(1 - \sqrt{D})(1 + \sqrt{D})$ should be $(1 - 2\sqrt{D})(1 + 2\sqrt{D})$

Page 87, line 3: $(1 - \sqrt{D})(1 + \sqrt{D})$ should be $(1 - 2\sqrt{D})(1 + 2\sqrt{D})$

Page 95, line -3: insert "written" after "can be"

Page 154, line 15: $Q \supseteq (\pi)$ should be $Q \supset (\pi)$

Page 158, begin line 18 with: Let $\beta = c + d\sqrt{D}$.

Page 160, insert before line 19: For an ideal I of R, we let $\overline{I}$ be the ideal of R defined by $\overline{I} = \{\overline{\alpha} \mid \alpha \text{ in } I\}$.

Page 188, line -13: delete quotation marks around X

Page 234 lines 20, 21 (Corollary B.37 (2)) should read:
(2) If $p \equiv 3 \pmod 8$, then 2 is a quadratic nonresidue $(\mathrm{mod}\, p)$ and -2 is a quadratic residue $(\mathrm{mod}\, p)$.

Page 234 lines 23, 24 (Corollary B.37 (4)) should read:
(4) If $p \equiv 7 \pmod 8$, then 2 is a quadratic residue $(\mathrm{mod}\, p)$ and -2 is a quadratic nonresidue $(\mathrm{mod}\, p)$.

Page 235, lines 4, 5: p_2 should be p_1 (twice) and B.37(4) should be B.37(2)

Page 235, lines 7, 8: p_1 should be p_2 (twice) and B.37(2) should be B.37(4)