

**Corrections to  
Advanced Algebra**

Page 96, line -6. Change " $\bar{e}R\bar{e}$ " to " $\bar{e}\bar{R}\bar{e}$ ".

Page 101, line -4. Change "can be expanded as  $a = \sum_{i,j} r_{ij}$ " to "can be expanded as  $a = \sum_{i,j} r_{ij}e_{ij}$ ".

Page 154, line 2 of proof of Proposition 3.23. Change " $f(x_n)$ " to " $f_n(x_n)$ ".

Page 454, line -11. Change "at most  $m' - (j - i)$ " to "at most  $m - (j - i)$ ".

Page 454, line -10. Change "at most  $n' - (j + n' - i) = i - j$ " to "at most  $n - (j + n' - i) = (n - n') + (i - j)$ ".

Page 454, line -8. Change " $(m' - \sigma(i) + i)$ " to " $(m - \sigma(i) + i)$ ", and change " $(i - \sigma(i))$ " to " $((n - n') + (i - \sigma(i)))$ ".

Page 454, line -7. Change the line to read " $= mn' + m'(n - n') = mn - (m - m')(n - n') \leq mn$ ".

4/10/2015