

Last updated: 25<sup>th</sup> July 2018

### **TYPOGRAPHICAL OMISSIONS AND ERRORS**

- p.xv Abbreviations table: “row-reduced” should read “reduced row”
- p.69 At the end of the page “(i) If B(1) is true” should read “(i) B(1) is true”
- p.126 #481 line 4: “so that if moves” should read “so that if  $P$  moves”
- p.143 (IP1) should read  $(\alpha_1 u + \alpha_2 v) \cdot w = \alpha_1 u \cdot w + \alpha_2 v \cdot w$
- p.162 In the section title there is a full stop missing between “Simultaneous Equations” and “Inverses”
- p.208 Definition 3.130 “then  $A\mathbf{v}$  is in  $\mathbf{v}$ ” should read “then  $A\mathbf{v}$  is in  $V$ ”
- p.220 #779(ii) “from  $\mathbf{R}_n$  and  $\mathbf{R}_m$ ” should read “from  $\mathbf{R}_n$  to  $\mathbf{R}_m$ ”
- p.236 #839 the cubic should read “ $x^3+ax^2+bx+c$ ” rather than “ $z^3+ax^2+bx+c$ ”
- p.264 “matrix in diagonal from” should read “matrix in diagonal form”
- p.277 #1020 should read “Let  $G_n$  denote the graph in which a vertex called the hub is connected to each of  $n$  tips, as in Figure 3.25a.”
- p.283 Figure 4.1 XY-co-ordinates should read  $(X,Y)=(-8,3)$  and  $(X,Y)=(5,-2)$
- p.304 The theta appearing in (4.17) should be a gamma
- p.336 #1235 The basis  $\mathcal{V}$  should read  $\{\mathbf{v}, T\mathbf{v}, T^2\mathbf{v}, \dots, T^{n-1}\mathbf{v}\}$ .
- p.345 In the functional equation the exponent of  $\pi$  is  $s-1$  and not  $2-1$
- p.357 #1278 The first summand should be  $f(k)$  and not  $f(n)$
- p.406 There is a missing “=” sign from the start of the second line
- P.429 In Figure 6.1 the difference in  $y$  co-ordinates is  $f(a+h)-f(a)$

### **MATHEMATICAL OMISSIONS AND ERRORS**

- p.56 #183 The  $y$  co-ordinate should read  $y = \frac{1}{2} \sin t - \frac{1}{4} \sin 2t$
- p.251 In Proposition 3.186 it should be made clear that  $\mathbf{a} \neq \mathbf{0}$
- p.291 In Definition 4.16 it should be made clear that the  $\lambda_i$  are distinct
- p.325 The page’s last line should read  $P_2^T A Q_1 = P_2^T P_1 D = O_{m-r,r}, D = O_{m-r,r}$
- p.340 In #1254 it should be made clear that  $n$  is constant as well