

The error list of The Riemann Hypothesis by Roland van der Veen & Jan van de Craats

From page ix to page 90

Page 12, "... (i.e., that $\psi(x) \sim x$)..." should read "... (i.e., $\psi(x) \sim x$)..." without "that" since the meaning of "i.e." is "that is".

Page 23, " $\zeta(1) = 1 + 1/2 + 1/3 \dots$?" is more appropriate to be " $\zeta(1) = 1 + 1/2 + 1/3 + \dots$?" with the plus sign "+" after the last term and before the ellipsis.

Page 42, " $xM(x) = x + x^2 + x^3 + x^4 + x^5 \dots$ " is more appropriate to be " $xM(x) = x + x^2 + x^3 + x^4 + x^5 + \dots$ " with the plus sign "+" after the last term as and before the ellipsis, mentioned previously.

Page 46, "At this point it is usual to introduce new notation..." is more appropriate to be "At this point it is useful to introduce new notation..." with the word "useful" instead of "usual".

Page 49, "...see figure 3.3 on page 49." is more appropriate to be "...see figure 3.3." without the phrase "on page 49" since the figure is on the same page.

Page 50, in exercise 3.3 d, "... (where x and y are real)..." should read "... (where x and y are real)..." by exchanging the orders of the verb to be "are" and the letter "y".

Page 54, "...that it is probable that all zeros of the zeta function are located on the critical line." should read "...that it is probable that all non-trivial zeros of the zeta function are located on the critical line." with the word "non-trivial" before the word "zeros".

Page 76, the sign in the last term in the absolute value in the second equation should be minus "-" instead of plus "+".

Page 81, "...and have solved many a difficult problem." should read "...and have solved many difficult problems." with the phrase "difficult problems" instead of "a difficult problem" after the word "many".