

## ERRATUM, VOLUME 22

B. C. Berndt, *On the zeros of the Riemann zeta-function*, Proc. Amer. Math. Soc. **22** (1969), 183–188.

B. Berlowitz and R. DeJean of the University of California at Berkeley have kindly pointed out to the author that line 5b, p. 185 is not correct. A stronger version of Stirling's formula should have been used. Thus, this line should be replaced by

$$\begin{aligned} |\operatorname{Re} R(\lambda + it)| &= e^{-\pi t/4} |K_1(t)t^{(\lambda-1)/2} \{1 + O(1/t)\} \zeta(\lambda + it) \\ &\quad + K_2(t)t^{-\lambda/2} \{1 + O(1/t)\} \zeta(1 - \lambda + it)|, \end{aligned}$$

where  $K_1$  and  $K_2$  have constant, nonzero modulus. This correction necessitates obvious changes throughout the remainder of the paragraph, but the conclusion, i.e. (2.5), remains unchanged.