References

1. *Theory of Complex Variables* by Reinhold Remmert, Graduate Texts in Mathematics, Springer-Verlag, 1989. Assigned textbook for student lectures.

2. *Classical Topics in Complex Function Theory* by Reinhold Remmert. Good reference for infinite products, Gamma function, Weierstrass product theorem as well as for many topics we won't cover.

3. *Complex Made Simple* by David C. Ullrich. "is intended as a text on complex analysis at the beginning graduate level."

4. For those who want to see how complex analysis develops into Riemann surfaces (topics we won't cover), then one should consult *Topics in Complex Function Theory*, Vols. I, II & III by Carl L. Siegel.

5. Texts related to the Riemann zeta-function:

   (a) *Riemann's Zeta Function* by H. M. Edwards (now published by Dover). "My primary objective in this book is to make a point, not about analytic number theory, but about the way in which mathematics is and ought to be studied. Briefly put, I have tried to say to students of mathematics that they should *read the classics* and beware of secondary sources."

   (b) *The Riemann Zeta-Function: Theory and Applications* by Aleksandar Ivić. "This book is organized to provide first an ample account of the classical material, and then to lead the reader to the wealth of new results, many of which appear in book form for the first time." (1985)

   (c) *The Riemann Zeta-Function* by A. A. Karatsuba and S. M. Voronin. "This monograph is devoted to a systematic exposition of the theory of the Riemann zeta-function. This type of project is not new. One need only recall Titchmarsh's *The Theory of the Riemann Zeta-Function*, first published in 1951 and then reissued by Oxford University Press in 1986. Titchmarsh's book has not lost its special importance, as a veritable encyclopedia of the zeta-function. At the same time, there have been certain areas where the theory of the Riemann zeta-function has made significant progress in recent years." (1992)