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**Lawrence J. Crone\***, 463 Walters Hollow Road, Alum Bank, PA 15521. *Using Color Graphs in Complex Analysis.*

One difficulty in teaching (and learning) complex analysis is that it is hard to use graphs to observe the behavior of functions. In this talk I will describe a color graphing technique which I have been using for thirty years and a Visual Basic program which is now available for free download. Imagine a program which displays a fifth degree polynomial in a way that makes the (approximate) location of the zeroes obvious. See poles, branch cuts and essential singularities. At this point the program recognizes algebraic operations and exp (exponential), log (natural log), sin, cos, tan and atn (arctan) functions. (Received August 04, 2014)