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Peter John Slater* (slaterp@uah.edu). *"Nature is tricky, but she is not nasty."* - Uncle Paul.

Keep in mind that we are talking mathematics, more generally science, and not climate and the associated tornados, hurricanes and tsunamis. Mathematicians conceptualize. We seek connections and interrelationships, and we generalize. The point to be made is that adopting the optimism inherent in Uncle Paul's statement is helpful in the endeavors. Illustrations of the principle will be given for complementarity and duality and for distance problems such as centrality, facility location, domination and location theory. (Received September 06, 2011)