

## **Professor David M. Young, Jr.: His Research, Career, and Life**

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The late David M. Young, Jr. (1923–2008) was an internationally known pioneer in the field of numerical analysis. His 1950 Harvard University dissertation is a classical piece of mathematical research. It established the mathematical framework for the Successive Overrelaxation (SOR) method, among other significant things. Also, Dr. Young's 1970 book on *Iterative Solution of Large Linear Systems* is a landmark in the scientific computing literature. Young's career evolved in parallel to the first fifty years of the modern scientific computing era—from the early days of computers to the modern parallel supercomputers. Professor Young was instrumental in the development of iterative algorithms and software for solving large sparse linear systems of algebraic equations. Such systems typically arise in the numerical solution of elliptical partial differential equations. We present an overview of DMY's extremely active career and life as a teacher, researcher, and an administrator, as well as a family man and avid tennis player, while always being a gentleman.

From his legacy of research papers and books, Professor Young was, and still is, an invaluable source of knowledge and inspiration to us all!