Resume of Van Emden Henson, 1992-02

Henson, Van Emden

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RESUME OF VAN EMDEN HENSON

Van Emden Henson was born in Denver, Colorado, on December 23, 1954. In the early 1970's he attended the University of Utah, studying set and lighting design for the theatre. Eventually, he left the University to work as a designer for the Human Ensemble Repertory Theatre and Theatre 138, in Salt Lake City. He returned to the University of Utah in 1976, and in 1979 received Bachelor of Science degrees (Magna Cum Laude) in Geophysics and Geology. Upon graduation, he was elected to Phi Beta Kappa.

In August, 1979, he took a job as an Exploration Geophysicist with Cities Service Oil and Gas Corporation, for whom he worked in Tulsa and Denver until 1987. While working in the oil business he enrolled as a graduate student in Mathematics at the University of Colorado at Denver.

In 1988, with a thesis detailing the implementation on parallel computers of fast Fourier transforms for special sequence symmetries, he obtained his Master of Science in Applied Mathematics. He earned his Ph.D., also in Applied Mathematics, in 1990. His dissertation, written under the direction of William L. Briggs, is entitled *Fourier Methods of Image Reconstruction.*

Dr. Henson joined the faculty at NPS in the Department of Mathematics in January, 1991. His principal research interests include multigrid methods for solving PDE's and integral equations, image reconstruction, parallel computation, fast transforms, and wavelets. He is a member of the Society for Industrial and Applied Mathematics, The Americal Mathematical Association, the Mathematical Association of America, and Sigma Xi.

An avowed environmentalist, Dr. Henson supports the Nature Conservancy, Wilderness Society, Sierra Club, and World Wildlife Foundation. His principal avocations are backpacking, baseball, and theatre.