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## Resume of David Salinas, 1970

Salinas, David

Monterey, California: Naval Postgraduate School

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## RESUME OF DAVID SALINAS

David Salinas was born in New York City in 1932. He attended the University of California at Los Angeles where he received the B.S. degree in June 1959 and the M.S. degree in 1962. During the 1960-61 academic year he was a recipient of a Ford Foundation Fellowship for graduate study.

From 1962 to 1965 he was a senior research engineer with the Space and Information Division of North American Aviation. His main responsibilities were to formulate and develop methods for elastic and inelastic analyses of aerospace structures. In 1965 he was awarded a North American Fellowship for continued graduate study at the University of California at Los Angeles, where he received the Ph.D. degree in March, 1968. He majored in solid mechanics and minored in applied mathematics and structural mechanics. His research in the field of variational techniques for optimum structural design was conducted under Professor John E. Taylor.



As a Post Doctoral Scholar at UCLA he worked with Professor Lawrence G. Selna from March 1968 to October 1969 in the area of structural mechanics, and with Professor T. H. Lin from October 1969 to June 1970 on the mechanics of composite material behavior. He was also a part-time Assistant Professor at San Fernando Valley State College during the 1969-70 academic year.

In July 1970 he joined the faculty of the Naval Postgraduate School, Monterey, California, where he is an Associate Professor of Mechanical Engineering. His current research interests are in the areas of composite materials, structural optimization, and the application of the finite element method to nonlinear field problems in the area of structures, and heat transfer.

He is a member of the American Society of Mechanical Engineers, Tau Beta Pi, Sigma Xi, and the Academy of Mechanics.