



Obituary of Professor Sol R Bodner
7 March 1929 - 29 October 2019

It is with great sadness that we announce the passing of Professor Sol R Bodner.

Sol had a long and distinguished career as an academic and an engineer who significantly contributed to numerous important research and engineering projects in the United States and in Israel. He is perhaps best known for the development of the Bodner-Partom model of viscoplasticity.

Sol received a Bachelor's degree in Civil Engineering from the Polytechnic Institute of Brooklyn in 1950, a Masters degree in Mathematics from the Courant Institute of Mathematics in 1953, and a Doctorate of Philosophy in Applied Mechanics from the Polytechnic Institute of Brooklyn in 1955. He joined the academic staff of the Division of Engineering at Brown University in 1956 and left at the rank of Associate Professor in 1964 to become a Full Professor at Technion-Israel Institute of Technology.

At Technion he was a member of the: Department of Mechanics (1964-1965); Faculty of Mechanical Engineering (1965-1968; 1975-2019); and Department of Materials Engineering (1968-1975); retiring as a Professor Emeritus in 1997. Sol was President of the Israel Society for Theoretical and Applied Mechanics (IS- TAM; 1993-2003); a member of the General Assembly of the International Union of Theoretical and Applied Mechanics (IUTAM; 1993-2003); and was one of the organizers of the 18th International Congress on Theoretical and Applied Mechanics (ICTAM) in Haifa, Israel in August 1992.

Sol received numerous honors including the: Rothschild Prize for Engineering (Israel, 1982); Certificate of Outstanding Engineering Achievement from the Society of Mechanical Engineers (Israel, 1996); Markus Reiner Chair in Mechanics and Rheology (Technion, 1982-1997); and the Engineering Science Medal from the Society of Engineering Science (1998).

He will be deeply missed by his family, friends and colleagues in mechanics.

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