

## ABOUT THE AUTHOR

**J. R. BARBER** graduated in Mechanical Sciences from Cambridge University in 1963 and joined British Rail, who later sponsored his research at Cambridge between 1965 and 1968 on the subject of thermal effects in braking systems. In 1969 he became Lecturer and later Reader in Solid Mechanics at the University of Newcastle upon Tyne. In 1981 he moved to the University of Michigan, where he is presently Professor of Mechanical Engineering and Applied Mechanics. His current research interests are in solid mechanics with particular reference to thermoelasticity, contact mechanics and tribology. He is a chartered engineer in the U.K., Fellow of the Institution of Mechanical Engineers and has engaged extensively in consulting work in the field of stress analysis for engineering design. He is author of a book on elasticity and over 150 articles in the fields of elasticity, thermoelasticity, contact mechanics, tribology, heat conduction and elastodynamics.