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<<计算非弹性>>

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内容概要

This book goes back a long way. There is a tradition of research and teaching in inelasticity at Stanford that goes back at least to Wilhelm Flugge and Erastus Lee.I joined the faculty in 1980, and shortly thereafter the Chairman of the Applied Mechanics Division, George Herrmann, asked me to present a course in plasticity.I decided to develop a new two-quarter sequence entitled Theoretical and Computational Plasticity which combined the basic theory I had learned as a graduate student at the University of California at Berkeley from David Bogy, James Kelly,Jacob Lubliner, and Paul Naghdi with new computational techniques from the finite-element literature and my personal research. I taught the course a couple of times and developed a set of notes that 1 passed on to Juan Simo when he joined the faculty in 1985.1 was Chairman at that time and I asked Juan to furthdr develop the course into a full year covering inelasticity from a more comprehensive per-spectiye.

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