

## CONTENTS VOLUME 55

G. Giacomelli, M. Jacob. Physics at the CERN-ISR	1
M.E. Lines. Elastic properties of magnetic materials	133
G.R. Satchler, W.G. Love. Folding model potentials from elastic interactions for heavy-ion scattering	183
L. Davison, R.A. Graham. Shock compression of solids	255

## REVIEW ARTICLES APPEARING IN

Reviews of Modern Physics

Volume 51, No. 2, April 1979

- R.R. Wilson. Fantasies of future Fermilab facilities 259
- D.J. Kaup, A. Reiman, A. Bers. Space-time evolution of nonlinear three-wave interactions. I. Interaction in a homogeneous medium 275
- A. Reiman. Space-time evolution of nonlinear three-wave interactions. II. Interaction in an inhomogeneous medium 311
- H.A. Haus. Physical interpretation of inverse scattering formalism applied to self-induced transparency 331
- R. Olshansky. Propagation in glass optical waveguides 341
- R. Shakeshaft, L. Spruch. Mechanisms for charge transfer (or for the capture of any light particle) at asymptotically high impact velocities 369
- T.H. Bauer, R.D. Spital, D.R. Yennie, F.M. Pipkin. Erratum: The hadronic properties of the photon in high-energy interactions [Rev. Mod. Phys. 50 (1978) 261] 407