

Pramāṇa

a journal of physics

Volume 15, July–December 1980

SUBJECT INDEX

- Analyticity**
Structure function of pion and its compositeness 97
- Angular momentum**
Microscopic band-mixing calculations in $^{154,156}\text{Gd}$ 449
- Anharmonic crystals**
Two-phonon bound states in imperfect crystals 375
- Ashcroft pseudopotential**
Pseudopotential study of lattice parameter and heat of formation for substitutional alloys 495
- Asymptotic bounds**
High energy proton-proton cross-section and Froissart bound 463
- Atom-field interaction**
Time-resolved laser saturation spectroscopy.
Theory of the free induction decay of two-level saturation resonances 1
- Attenuation of the leading pion**
Momenta and rapidity characteristics of the multiparticle production in 50 GeV/c π^- -emulsion collision 309
- Axial channelling**
Theory of radiation from relativistic positrons moving in the $\langle 110 \rangle$ axial channels of f.c.c. (diamond) crystal 279
- Axial spectrum**
Coherent bremsstrahlung from relativistic channelled positrons 175
- Band-mixing**
Microscopic band-mixing calculations in $^{154,156}\text{Gd}$ 449
- Baryon distribution**
Recombination model for hadron production 341
- Beam divergence**
Coherent bremsstrahlung from relativistic channelled positrons 175
- Bjorken scaling**
Structure function of pion and its compositeness 97
- Bounds**
SU(3) representation for the polarisation of light 357
- Cabibo mixing**
Possible realisation and generalisation of two specific 2×2 forms 571
- Causal structure**
Space-time singularities and microwave background radiation 225
- Cavity mode heating**
Fusion reactor start-up by RF cavity mode heating of a gas 137
- Central peak**
Classical ϕ^6 -field theory in (1+1) dimensions. A model for structural phase transitions 245
- Channelling**
Coherent bremsstrahlung from relativistic channelled positrons 175
- Channelling radiation**
Theory of radiation from relativistic positrons moving in the $\langle 110 \rangle$ axial channels of f.c.c. (diamond) crystal 279
- Charged particle multiplicity**
Variation of average charged particle multiplicity in p -nucleus interactions with energy and the two component description of particle production at high energies 559
- Charge form-factor of an atom**
Feynman diagram approach to atomic collisions 291
- Classical turning point**
Use of harmonic oscillator potential in the analysis of muonic transition energies 163
- Coherence effects**
Time-resolved laser saturation spectroscopy.
Theory of the free induction decay of two-level saturation resonances 1