<table>
<thead>
<tr>
<th>Author Name</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acharyya S</td>
<td>see Dutta K</td>
<td>775</td>
</tr>
<tr>
<td>Ajith Kumar B P</td>
<td>see Kumar Rakesh</td>
<td>215</td>
</tr>
<tr>
<td>Amita</td>
<td>see Jain Ashok Kumar</td>
<td>611</td>
</tr>
<tr>
<td>Anderson D</td>
<td>A variational approach to nonlinear evolution equations in optics</td>
<td>917</td>
</tr>
<tr>
<td>Ansari A</td>
<td>Nuclear structure at high excitation energies</td>
<td>459</td>
</tr>
<tr>
<td>Arima Akito</td>
<td>see Dang Nguyen Dinh</td>
<td>505</td>
</tr>
<tr>
<td>Arivoli D</td>
<td>Fundamentals of nonlinear optical materials</td>
<td>871</td>
</tr>
<tr>
<td>Arumugam M</td>
<td>Optical fiber communication – An overview</td>
<td>849</td>
</tr>
<tr>
<td>Arumugam P</td>
<td>see Shammugam G</td>
<td>223</td>
</tr>
<tr>
<td>Au Vuong Kim</td>
<td>see Dang Nguyen Dinh</td>
<td>505</td>
</tr>
<tr>
<td>Aumann T</td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Baiocchi C</td>
<td>see Lombardi M</td>
<td>115</td>
</tr>
<tr>
<td>Balasubramanian T K</td>
<td>see Mishra Adya Prasad</td>
<td>727</td>
</tr>
<tr>
<td>Balbinot G</td>
<td>see Lombardi M</td>
<td>115</td>
</tr>
<tr>
<td>Banerjee P</td>
<td>Nuclear structure studies at Saha Institute of Nuclear Physics using gamma detector arrays</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>see Chatterjee J M</td>
<td>165</td>
</tr>
<tr>
<td></td>
<td>see Sharma Hariprakash</td>
<td>171</td>
</tr>
<tr>
<td>Banerjee S R</td>
<td>see Ray A</td>
<td>141</td>
</tr>
<tr>
<td>Bannur Vishnu M</td>
<td>Neutrino beam plasma instability</td>
<td>755</td>
</tr>
<tr>
<td>Barbui M</td>
<td>see Viesti G</td>
<td>469</td>
</tr>
<tr>
<td>Barilíf R</td>
<td>Spatial solitons in nonlinear liquid waveguides</td>
<td>1139</td>
</tr>
<tr>
<td>Basu P</td>
<td>see Behera Bivash R</td>
<td>199</td>
</tr>
<tr>
<td></td>
<td>see Gupta Dhruba</td>
<td>209</td>
</tr>
<tr>
<td>Basu Swapan Kumar</td>
<td>see Chanda S</td>
<td>175</td>
</tr>
<tr>
<td>Battistella A</td>
<td>see Lombardi M</td>
<td>115</td>
</tr>
<tr>
<td>Beck C</td>
<td>see Bhattacharya C</td>
<td>203</td>
</tr>
<tr>
<td>Behera Bivash R</td>
<td>Measurement of fission anisotropy for $^{16}$O + $^{181}$Ta</td>
<td>199</td>
</tr>
<tr>
<td>Benck S</td>
<td>see Meudlers J-P</td>
<td>85</td>
</tr>
<tr>
<td>Beri Suman B</td>
<td>see Kaur Rajwant</td>
<td>689</td>
</tr>
<tr>
<td>Berntson A</td>
<td>see Anderson D</td>
<td>917</td>
</tr>
<tr>
<td>Berriman A C</td>
<td>see Mukherjee A</td>
<td>195</td>
</tr>
<tr>
<td>Bhagwat K V</td>
<td>Magnetization curves for general cylindrical samples in a transverse field</td>
<td>763</td>
</tr>
<tr>
<td>Bhandari R K</td>
<td>see Sharma Hariprakash</td>
<td>171</td>
</tr>
<tr>
<td>Bhattacharjee Tumpa</td>
<td>see Chanda S</td>
<td>175</td>
</tr>
<tr>
<td>Bhattacharya C</td>
<td>Deformation effects in the $^{28}$Si + $^{12}$C and $^{28}$Si + $^{28}$Si reactions</td>
<td>203</td>
</tr>
<tr>
<td>Bhattacharya S</td>
<td>see Chatterjee J M</td>
<td>165</td>
</tr>
<tr>
<td>Bhattacharyya Sarmishtha</td>
<td>see Chanda S</td>
<td>175</td>
</tr>
<tr>
<td>Bhowmik R K</td>
<td>Instrumentation for multi-detector arrays</td>
<td>125</td>
</tr>
<tr>
<td></td>
<td>see Chatterjee J M</td>
<td>165</td>
</tr>
<tr>
<td></td>
<td>see Chanda S</td>
<td>175</td>
</tr>
<tr>
<td></td>
<td>see Mukherjee B</td>
<td>181</td>
</tr>
<tr>
<td></td>
<td>see Kumar Rakesh</td>
<td>215</td>
</tr>
<tr>
<td>Blumenfeld Y</td>
<td>Proton scattering from unstable nuclei</td>
<td>493</td>
</tr>
<tr>
<td>Boretzky K</td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Buryak Alexander V</td>
<td>see Malomed Boris A</td>
<td>1061</td>
</tr>
</tbody>
</table>
Butt R D  
see Mukherjee A 195

Cabrera D  
see Oset E 417

Cabrera J  
see Meulders J-P 85

Chanda S  
High spin spectroscopy of $^{139}$Pr 175

Chatterjee A  
Data acquisition for experiments with multi-detector arrays 135  
see Gupta Dhruba 209  
see Nagaraj S 219

Chatterjee J M  
Level structures of $^{95,97}$Mo – A comparative study 165

Chatterjee M L  
see Behera Bivash R 199

Chiang H C  
see Oset E 417

Choudhury R K  
Recent studies in heavy ion induced fission reactions 585

Chow Kwok W  
Periodic wavetrains for systems of coupled nonlinear Schrödinger equations 937

Chowdhury P  
Microscopy of femtoscale structures 31  
see Malomed Boris A 1061

Cinauscheri M  
see Viesti G 469

Corcalciuc V  
see Meulders J-P 85

Cortina D  
see Pramanik U Datta 535

Crasovan L C  
Spinning solitons in cubic-quintic nonlinear media 1041

Dang Nguyen Dinh  
E1 resonances in neutron-rich nuclei within the phonon damping model 505

Das P  
see Ray A 141

Das R K  
see Patnaik R C 795

Das Tapan Kumar  
see Khan Md Abdul 701

Dasgupta M  
see Mukherjee A 195

Datta S K  
see Behera Bivash R 199

de France G  
Physics at the closed shells 11

De Toledo A Szanto  
see Bhattacharya C 203

Dettmold W  
A new slant on hadron structure 251

Diwakar M P  
see Chatterjee A 135

Dorvaux O  
see Bhattacharya C 203

Dufauquez Ch  
see Meulders J-P 85

Dutta K  
Dielectric relaxation phenomena of rigid polar liquid molecules under giga hertz electric field 775

Eddahbi K  
see Bhattacharya C 203

Ejiri H  
Nuclear responses for neutrinos and neutrino studies by double beta decays and inverse beta decays 371  
Summary of ISNP2K 665

El Masri Y  
see Meulders J-P 85

Elze Th W  
see Pramanik U Datta 535

Elmiger H  
see Pramanik U Datta 535

Fabris D  
see Viesti G 469

Facco A  
The project SPES at LNL: Accelerator challenges 623

Fioretto E  
see Viesti G 469

Freedan H  
Lattice variation and thermal parameters of gel grown KDP crystals added with some ammonium compounds 829

Freeman R M  
see Bhattacharya C 203

Galin J  
Spallation reactions studied with 4$\pi$-detector arrays 67

Gambhir Y K  
Success and limits of the relativistic mean field description of nuclear properties 545
<table>
<thead>
<tr>
<th>Name</th>
<th>Author Index</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ganapathy R</td>
<td></td>
<td>Polarization modulational instability in a birefringent optical fiber with fourth order dispersion</td>
<td>743</td>
</tr>
<tr>
<td>Geissel H</td>
<td></td>
<td>see Mandal Samit</td>
<td>161</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Gerl J</td>
<td></td>
<td>see Mandal Samit</td>
<td>161</td>
</tr>
<tr>
<td>Ghodgaonkar M D</td>
<td></td>
<td>see Chatterjee A</td>
<td>135</td>
</tr>
<tr>
<td>Ghosh Sasanka</td>
<td></td>
<td>Stable complex solitary waves of Sasa Satsuma equation</td>
<td>981</td>
</tr>
<tr>
<td>Ghosh T B</td>
<td></td>
<td>see Sreemany M</td>
<td>809</td>
</tr>
<tr>
<td>Ghosh Tarun Kanti et al</td>
<td></td>
<td>PHENIX Collaboration: First results from RHIC-PHENIX</td>
<td>355</td>
</tr>
<tr>
<td>Ghugre S S</td>
<td></td>
<td>see Chanda S</td>
<td>175</td>
</tr>
<tr>
<td>Ghumanman B S</td>
<td></td>
<td>see Sandhu B S</td>
<td>733</td>
</tr>
<tr>
<td>Goswami Ranjana</td>
<td></td>
<td>see Sharma Hariprakash</td>
<td>171</td>
</tr>
<tr>
<td>Grünschloss A</td>
<td></td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Guoxiang H Huo-Ja</td>
<td></td>
<td>see Lombardi M</td>
<td>115</td>
</tr>
<tr>
<td>Gupta Dhruka</td>
<td></td>
<td>Breakup of 42 MeV $^7$Li projectiles in the fields of $^{12}$C and $^{197}$Au nuclei</td>
<td>209</td>
</tr>
<tr>
<td>Gupta Raj K</td>
<td></td>
<td>Superheavy nuclei – cold synthesis and structure</td>
<td>481</td>
</tr>
<tr>
<td>Haas F</td>
<td></td>
<td>see Bhattcharya C</td>
<td>203</td>
</tr>
<tr>
<td>Hachem A</td>
<td></td>
<td>see Bhattcharya C</td>
<td>203</td>
</tr>
<tr>
<td>Hasegawa Akira</td>
<td></td>
<td>Soliton-based ultra-high-speed optical communications</td>
<td>1097</td>
</tr>
<tr>
<td>Hauschild K</td>
<td></td>
<td>see Mandal Samit</td>
<td>161</td>
</tr>
<tr>
<td>Hellström M</td>
<td></td>
<td>see Mandal Samit</td>
<td>161</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Hinde D J</td>
<td></td>
<td>see Mukherjee A</td>
<td>195</td>
</tr>
<tr>
<td>Hirai M</td>
<td></td>
<td>Parametrization of nuclear parton distributions</td>
<td>445</td>
</tr>
<tr>
<td>Hirenzaki S</td>
<td></td>
<td>see Oset E</td>
<td>417</td>
</tr>
<tr>
<td>Holzmann R</td>
<td></td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Hota R L</td>
<td></td>
<td>see Patnaik R C</td>
<td>795</td>
</tr>
<tr>
<td>Iliievski S</td>
<td></td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Iwasa N</td>
<td></td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Jain Ashok Kumar</td>
<td></td>
<td>Magnetic rotation and chiral symmetry breaking</td>
<td>611</td>
</tr>
<tr>
<td>Jain B K</td>
<td></td>
<td>see Kelkar N G</td>
<td>389</td>
</tr>
<tr>
<td>Jain H C</td>
<td></td>
<td>Nuclear structure and Indian Clover array</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see Joshi P K</td>
<td>185</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see Palit R</td>
<td>191</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see Nagaraj S</td>
<td>219</td>
</tr>
<tr>
<td>Jain Pankaj</td>
<td></td>
<td>Exclusive hadronic processes and color transparency</td>
<td>433</td>
</tr>
<tr>
<td>Jain Sudhir R</td>
<td></td>
<td>Quantum chaos, thermalization and dissipation in nuclear systems</td>
<td>571</td>
</tr>
<tr>
<td>Janas Z</td>
<td></td>
<td>see Mandal Samit</td>
<td>161</td>
</tr>
<tr>
<td>Jena S</td>
<td></td>
<td>see Behera Bivash R</td>
<td>199</td>
</tr>
<tr>
<td>Jethra A K</td>
<td></td>
<td>see Chatterjee A</td>
<td>135</td>
</tr>
<tr>
<td>Joshi P K</td>
<td></td>
<td>High-spin structure of yrast-band in $^{78}$Kr</td>
<td>185</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see Palit R</td>
<td>191</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see Nagaraj S</td>
<td>219</td>
</tr>
<tr>
<td>Kailas S</td>
<td></td>
<td>Light charged particle emission in heavy-ion reactions – What have we learnt?</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see Gupta Dhruha</td>
<td>209</td>
</tr>
<tr>
<td>Kak Subhash</td>
<td></td>
<td>Statistical constraints on state preparation for a quantum computer</td>
<td>683</td>
</tr>
<tr>
<td>Kamalov S S</td>
<td></td>
<td>see Oset E</td>
<td>417</td>
</tr>
<tr>
<td>Kamerkar Sushil</td>
<td></td>
<td>see Chatterjee A</td>
<td>135</td>
</tr>
<tr>
<td>Kanna T</td>
<td></td>
<td>see Lakshmanan M</td>
<td>885</td>
</tr>
</tbody>
</table>
Kanungo R  
*see* Gupta Dhruba  209
Karmakar Debjani  
*see* Bhagwat K V  763
Kaur Rajwant  
Measuring the top quark mass in the $e\mu$ channel: A study  689
Kaur Sarvapreet  
Rejoinder  837
Keelkar N G  
Hyperon production in $pp$ collisions  389
Keutgen T  
*see* Meulders J-P  85
Khan E  
*see* Blumenfeld Y  493
Khan Md Abdul  
Investigation of halo structure of $^6$He by hyperspherical three-body method  701
Kivshar Yuri S  
*see* Sukhorukov Andrey A  1079
Kohli J M  
*see* Kaur Rajwant  689
Kojoyharov I  
*see* Mandal Samit  161
Kopatch Y  
*see* Mandal Samit  161
Kratz J V  
*see* Pramanik U Datta  535
Kubo Ken-ichi  
Nuclear and hadronic reaction mechanisms producing spin asymmetry  379
Kulessa R  
*see* Pramanik U Datta  535
Kumano S  
*see* Hirai M  445
Kumar Ajit  
Bistable soliton states and switching in doubly inhomogenously doped fiber couplers  969
Kumar R  
*see* Mukherjee B  181
Kumar Rajesh  
*see* Kumar Rakesh  215
Kumar Rakesh  
The automatic liquid nitrogen filling system for GDA detectors  215
Kuriakose V C  
*see* Ganapathy R  743
*see* Vinoj M N  987
Kurup M B  
*see* Srinivasan B  651
Lai Derek W C  
*see* Chow Kwok W  937
Lakshmanan M  
Shape changing collisions of optical solitons, universal logic gates and partially coherent solitons in coupled nonlinear Schrödinger equations  885
Leifels Y  
*see* Pramanik U Datta  535
Leinweber D B  
*see* Detmold W  251
Leistenschneider A  
*see* Pramanik U Datta  535
Lemmon R C  
*see* Mandal Samit  161
Lisak M  
*see* Anderson D  917
Lombardi F S  
*see* Lombardi M  115
Lombardi M  
The leak microstructure  115
Lukiewicz E  
*see* Pramanik U Datta  535
Lunardon M  
*see* Viesti G  469
Machner H *et al*  
GEM Collaboration: Meson production in $p+\bar{p}$ reactions  399
Mahadevan C  
*see* Freeda T H  829
Mahajan C G  
Rejoinder  837
Mahapatra S  
A simple coordinate space approach to three-body problems – Examples: Halo nucleus and double-$\lambda$ hypernucleus  717
Mahata K  
*see* Gupta Dhruba  209
Mahboub D  
*see* Bhattacharya C  203
Maimistov Andrey I  
Completely integrable models of nonlinear optics  953
Malomed Boris A  
*see* Crasovan Lucian-Cornel  1041
Stable helical solitons in optical media  1061
Malyadri A J  
*see* Kumar Rakesh  215
Mandal Samit  
Gamma-ray spectroscopy with relativistic exotic heavy-ions  161
Maréchal F  
*see* Blumenfeld Y  493
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Martin E</td>
<td>see Bhattacharya C</td>
</tr>
<tr>
<td>Mayet P</td>
<td>see Mandal Samit</td>
</tr>
<tr>
<td>Melitchouk W</td>
<td>see Detmold W</td>
</tr>
<tr>
<td>Meulders J-P</td>
<td>Neutron-induced reaction cross-section measurements using a small multi-detector array and description of a large array</td>
</tr>
<tr>
<td>Mihalache Dumitru</td>
<td>see Crasov Lucian-Cornel</td>
</tr>
<tr>
<td>Mishra Adya Prasad</td>
<td>Rovibrational matrix elements of the multipole moments and of the polarizability of the H₂ molecule in the solid phase: Effect of intermolecular potential</td>
</tr>
<tr>
<td>Miyama M</td>
<td>see Hirai M</td>
</tr>
<tr>
<td>Moretto S</td>
<td>see Viesti G</td>
</tr>
<tr>
<td>Morton C R</td>
<td>see Mukherjee A</td>
</tr>
<tr>
<td>Mukherjee A</td>
<td>Fusion around the barrier for ⁷Li + ¹²C</td>
</tr>
<tr>
<td>Mukherjee B</td>
<td>see Chanda S</td>
</tr>
<tr>
<td></td>
<td>High spin rotational bands in ⁶⁵Zn</td>
</tr>
<tr>
<td>Mukherjee P</td>
<td>Evolution of nuclear spectroscopy at Saha Institute of Nuclear Physics</td>
</tr>
<tr>
<td>Mukherjee S N</td>
<td>see Mahapatra S</td>
</tr>
<tr>
<td>Müzenberg G</td>
<td>see Pramanik U Datta</td>
</tr>
<tr>
<td>Muralithar S</td>
<td>see Chatterjee J M</td>
</tr>
<tr>
<td></td>
<td>see Chanda S</td>
</tr>
<tr>
<td></td>
<td>see Mukherjee B</td>
</tr>
<tr>
<td></td>
<td>see Kumar Rakesh</td>
</tr>
<tr>
<td>Nag J</td>
<td>see Mahapatra S</td>
</tr>
<tr>
<td>Nagaraj S</td>
<td>see Joshi P K</td>
</tr>
<tr>
<td></td>
<td>Fabrication and testing of the recoil mass spectrometer at Bombay Pelletron</td>
</tr>
<tr>
<td>Naidu B S</td>
<td>see Nagaraj S</td>
</tr>
<tr>
<td>Navin A</td>
<td>see Nagaraj S</td>
</tr>
<tr>
<td>Nayak Tapan K et al</td>
<td>WA-98 Collaboration: Multiplicity distributions and charged-neutral fluctuations</td>
</tr>
<tr>
<td>Nebbia G</td>
<td>see Viesti G</td>
</tr>
<tr>
<td>Newton J O</td>
<td>see Mukherjee A</td>
</tr>
<tr>
<td>Nica N</td>
<td>see Meulders J-P</td>
</tr>
<tr>
<td>Nieves J</td>
<td>see Oset E</td>
</tr>
<tr>
<td>Oset Y</td>
<td>see Oset E</td>
</tr>
<tr>
<td>Ozawa Akira</td>
<td>Recent radioactive ion beam program at RIKEN and related topics</td>
</tr>
<tr>
<td>Padmini S</td>
<td>see Chatterjee A</td>
</tr>
<tr>
<td>Palit R</td>
<td>see Joshi P K</td>
</tr>
<tr>
<td></td>
<td>Structure of ⁷²,⁷⁴Se at high spin</td>
</tr>
<tr>
<td></td>
<td>see Nagaraj S</td>
</tr>
<tr>
<td>Panchal H V</td>
<td>see Nagaraj S</td>
</tr>
<tr>
<td>Pande S S</td>
<td>see Chatterjee A</td>
</tr>
<tr>
<td>Pandey M K</td>
<td>see Srinivasan B</td>
</tr>
<tr>
<td>Pandya J N</td>
<td>Masses of S and P wave mesons and pseudoscalar decay constants using a confinement scheme</td>
</tr>
<tr>
<td>Papka P</td>
<td>see Bhattacharya C</td>
</tr>
<tr>
<td>Patnaik R C</td>
<td>Theory of anisotropic diamagnetism, local moment magnetization and carrier spin-polarization in Pb₁₋ₓEuₓTe</td>
</tr>
<tr>
<td>Paul S D</td>
<td>see Nagaraj S</td>
</tr>
<tr>
<td>Peng G D</td>
<td>see Malomed Boris A</td>
</tr>
<tr>
<td>Pesente S</td>
<td>see Viesti G</td>
</tr>
<tr>
<td>Author</td>
<td>Title</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Phatak S C</td>
<td>Quark matter formation in dense stellar objects</td>
</tr>
<tr>
<td>Pillay R G</td>
<td>see Srinivasan B</td>
</tr>
<tr>
<td>Podolyak Z</td>
<td>see Mandal Samit</td>
</tr>
<tr>
<td>Popov Yu P</td>
<td>Peculiarities of the modern neutron spectroscopy</td>
</tr>
<tr>
<td>Porsezian K</td>
<td>Soliton models in resonant and nonresonant optical fibres</td>
</tr>
<tr>
<td>Pramanik U Datta</td>
<td>Structure of light neutron-rich nuclei through Coulomb dissociation</td>
</tr>
<tr>
<td>Prete G</td>
<td>see Viesti G</td>
</tr>
<tr>
<td>Raeymackers E</td>
<td>see Meulers J-P</td>
</tr>
<tr>
<td>Ralston John P</td>
<td>see Jain Punkaj</td>
</tr>
<tr>
<td>Ramanna Raja</td>
<td>An empirical approach to the theory of particle and nuclear phenomena: Review and some new ideas</td>
</tr>
<tr>
<td>Ramos A</td>
<td>see Oset E</td>
</tr>
<tr>
<td>Rani K</td>
<td>see Mukherjee B</td>
</tr>
<tr>
<td>Rani Kusum</td>
<td>see Kumar Rakesh</td>
</tr>
<tr>
<td>Rauch V</td>
<td>see Bhattacharya C</td>
</tr>
<tr>
<td>Ray A</td>
<td>A BaF₂ crystal array for high energy γ-ray measurements</td>
</tr>
<tr>
<td>Ray S N</td>
<td>see Chanda S</td>
</tr>
<tr>
<td>Recio C Garcia</td>
<td>see Oset E</td>
</tr>
<tr>
<td>Regan P H</td>
<td>see Mandal Samit</td>
</tr>
<tr>
<td>Reiter P</td>
<td>see Pramanik U Datta</td>
</tr>
<tr>
<td>Rejmund M</td>
<td>see Pramanik U Datta</td>
</tr>
<tr>
<td>Rivoire G</td>
<td>see Barillé R</td>
</tr>
<tr>
<td>Rizzi V</td>
<td>see Viesti G</td>
</tr>
<tr>
<td>Roberfroid V</td>
<td>see Meulers J-P</td>
</tr>
<tr>
<td>Rousseau M</td>
<td>see Bhattacharya C</td>
</tr>
<tr>
<td>Rowley Neil</td>
<td>Nuclear physics with simple and multielement detectors and with stable and radioactive beams</td>
</tr>
<tr>
<td>Roy Amit</td>
<td>Superconducting Linac and associated accelerator development at NSC</td>
</tr>
<tr>
<td>Roy B J</td>
<td>see Gupta Dhruha</td>
</tr>
<tr>
<td>Roy R</td>
<td>Multifragmentation and dynamics in heavy ion collisions</td>
</tr>
<tr>
<td>Roy Subhuti</td>
<td>see Behera Bivash R</td>
</tr>
<tr>
<td>Saddi M B</td>
<td>see Sandhu B S</td>
</tr>
<tr>
<td>Saha Satyajit</td>
<td>MEGHNAD – A multi element detector array for heavy ion collision studies</td>
</tr>
<tr>
<td>Saha Sarkar M</td>
<td>see Chatterjee J M</td>
</tr>
<tr>
<td>Saini S K</td>
<td>see Kumar Rakesh</td>
</tr>
<tr>
<td>Samant A</td>
<td>see Gupta Dhruba</td>
</tr>
<tr>
<td>Samanta C</td>
<td>see Gupta Dhruba</td>
</tr>
<tr>
<td>Samanta Chhanda</td>
<td>Physics with loosely bound nuclei</td>
</tr>
<tr>
<td>Sammut Rowland A</td>
<td>see Malomed Boris A</td>
</tr>
<tr>
<td>Sanders S J</td>
<td>see Bhattacharya C</td>
</tr>
<tr>
<td>Sandhu B S</td>
<td>Scattering and absorption differential cross sections for double photon Compton scattering</td>
</tr>
<tr>
<td>Santra A B</td>
<td>Chiral symmetry and nuclear matter equation of state</td>
</tr>
<tr>
<td>Sarkar S</td>
<td>see Chatterjee J M</td>
</tr>
<tr>
<td>Satpathy M</td>
<td>see Behera Bivash R</td>
</tr>
<tr>
<td>Schaffner H</td>
<td>see Mandal Samit</td>
</tr>
</tbody>
</table>
Scheidenberger C
see Pramanik U Datta 535
Schlegel C
see Mandal Samit 161
Schukraft J
Heavy ions at the LHC: Physics perspectives and experimental program 345
Sethi B
see Sharma Hariprakash 171
Shanmugam G
Inclusion of temperature dependent shell corrections in Landau theory for hot rotating nuclei 223
Shanti Ruby
see Kumar Rakesh 215
Sharan M K
see Behera Bivash R 199
Sharma Hariprakash
Particle-rotor-model calculations in $^{125}$I 171
Sheikh J A
see Joshi P K 185
see Palit R 191
Shetty D
see Viesti G 469
Shlomo Shalom
Compression modes and the nuclear matter incompressibility coefficient 557
Shrivastava A
see Gupta Dhruba 209
Simon H
see Pramanik U Datta 535
Simpson J
see Mandal Samit 161
Singh B
see Sandhu B S 733
Singh Jahan
see Sharma Hariprakash 171
Singh P
Folded tandem ion accelerator facility at Trombay 639
Singh R P
see Chatterjee J M 165
see Chanda S 175
see Mukherjee B 181
Singh S K
Neutrino anomaly and $\nu$-nucleus interactions 315
see Srinivasan B 651
Sit S K
see Dutta K 775
Slypen I
see Meulders J-P 85
Sreemany M
Near surface composition of some alloys by X-ray photoelectron spectroscopy 809
Srinivasan B
Superconducting LINAC booster for the Mumbai pelletron 651
Srivastava B K
Multifragmentation and the phase transition: A systematic study of the multifragmentation of $^{1}$A GeV, Au, La and Kr 301
Srivastava Dinesh Kumar
Single photons, dileptons and hadrons from relativistic heavy ion collisions and quark-hadron phase transition 235
Stezowski O
see Bhattacharya C 203
Sukhorukov Andrey A
Self-trapped optical beams: Spatial solitons 1079
Summerer K
see Pramanik U Datta 535
Suomijärvi T
see Blumenfeld Y 493
Sural D P
see Mahapatra S 717
Suzuki Toshio
see Dang Nguyen Dinh 505
Szilner S
see Bhattacharya C 203
Thomas A W
see Detmold W 251
Tilquin I
see Meulders J-P 85
Timmers H
see Mukherjee A 195
Toki H
see Oset E 417
Towers Isaac
see Malomed Boris A 1061
Tripathi G S
see Patnaik R C 795
Tserruya Itzhak
Searching for quark matter with dileptons and photons: From SPS to relativistic heavy ion collider 271
Vacas M J Vicente
see Oset E 417
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viesti G</td>
<td>Open problems in formation and decay of composite systems in heavy ion reactions</td>
<td>469</td>
</tr>
<tr>
<td>Vinodkumar P C</td>
<td>see Pandya J N</td>
<td>821</td>
</tr>
<tr>
<td>Vinoj M N</td>
<td>Nonlinear compression of optical solitons</td>
<td>987</td>
</tr>
<tr>
<td>Wadati Miki</td>
<td>Introduction to solitons</td>
<td>841</td>
</tr>
<tr>
<td>Wajda E</td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Walus W</td>
<td>see Pramanik U Datta</td>
<td>535</td>
</tr>
<tr>
<td>Watson D L</td>
<td>The experimental study of exotic nuclear states using multi-detector arrays</td>
<td>97</td>
</tr>
<tr>
<td>Wise Frank W</td>
<td>Spatiotemporal solitons in quadratic nonlinear media</td>
<td>1129</td>
</tr>
<tr>
<td>Wollersheim H J</td>
<td>see Mandal Samit</td>
<td>161</td>
</tr>
<tr>
<td>Wright S V</td>
<td>see Detmold W</td>
<td>251</td>
</tr>
</tbody>
</table>

End of the fifty seventh volume