

AUTHOR INDEX

Abbas Sohrab	Bali Raj
On measuring the neutron coherent scattering length with ultrahigh precision	Bianchi Type-I bulk viscous fluid string dust magnetized cosmological model in general relativity
375	481
Aggarwal A K	Banerjee A K
Realization of an optical interferometer based on holographic optics for real-time testing of phase objects	<i>see</i> Duha S S
993	1011
Agnesi Antonio	Banerjee Narayan
<i>see</i> Datta P K	<i>see</i> Dadhich Naresh
1003	887
Alam Jan-e	Bartl Alfred
Working group report: Heavy ion physics	Physics possibilities at a linear collider
	1101
1381	
Alvarez F	Basu Chandrajit
<i>see</i> Colmenero J	<i>see</i> Datta P K
25	1003
Amenitsch H	Basu Chinmay
<i>see</i> Aswal V K	Spectroscopic factors for two-proton radioactive nuclei
333	1047
Anjali	Basu Saibal
<i>see</i> Bali Raj	<i>see</i> Singh Surendra
481	387
Arbe A	Behare A
<i>see</i> Colmenero J	<i>see</i> Pande S S
25	459
Crossover from Rouse dynamics to the α -relaxation in poly(vinyl ethylene)	Bellissent-Funel M-C
33	Internal motions in proteins: A combined neutron scattering and molecular modelling approach
Aswal V K	91
Small-angle neutron scattering from micellar solutions	Bernstorff S
65	<i>see</i> Aswal V K
<i>see</i> Mohanty B	333
271	
<i>see</i> Ganguly R	Bhasin V S
277	<i>see</i> Kumar S
Temperature dependent small-angle neutron scattering of CTABr-magnetic fluid emulsion	Bhattacharjee Ramendu
285	<i>see</i> Tewari S
<i>see</i> Sharma K Shivaji	1073
297	Bhattacharya S
<i>see</i> Haldar J	<i>see</i> Haldar J
303	303
<i>see</i> Nisha C K	Bhattacharya Shovit
315	<i>see</i> Dixit Manglesh
Counterion condensation in ionic micelles as studied by a combined use of SANS and SAXS	233
333	Bhawal Biplob
Contrast variation SANS experiments to the study of detergent-induced micellization of block copolymers	Physics of interferometric gravitational wave detectors
339	645
<i>see</i> Chander Subhash	Bhobe P A
345	<i>see</i> Efrem D'sa J B C
<i>see</i> Garg Gunjan	227
351	
<i>see</i> Pal O R	Blanchet Luc
357	Equations of motion of compact binaries at the third post-Newtonian order
Aygör H A	685
<i>see</i> Küçükbursa A	Bohidar H B
947	<i>see</i> Mohanty B
Babacan T	Bojowald Martin
<i>see</i> Küçükbursa A	Loop quantum cosmology: Recent progress
947	765

Böni P <i>see</i> Roessli B	125	Chattopadhyay Subhasis High energy heavy ion collisions: Lessons from relativistic heavy ion collider 1195																	
Bora D <i>see</i> Yadav Vipin K	563	Chhachhia D P <i>see</i> Aggarwal A K 993																	
Borkar S P <i>see</i> Pande S S	459	Chidambaram R <i>see</i> Chitra R 263																	
Browder Thomas E Search for new physics at a super- <i>B</i> fac- tory	1171	Chitra R <i>see</i> Choudhury R R 107 <i>see</i> Sastry P U 257																	
Burgess C P Inflationary string theory?	1269	Chitra R Hydrogen bonding in oxalic acid and its complexes: A database study of neutron structures 263 <i>see</i> Das Amit 363																	
Chakrabarti Subhendu Contributed report: Probing non-universal gaugino masses – Prospects at the Tevatron	1355	Choi Yong Nam A possibility of parallel and anti-parallel diffraction measurements on neutron diffractometer employing bent perfect crystal monochromator at the monochro- matic focusing condition 175																	
Chakrabarty D <i>see</i> Mitra S	437	Choudhury N <i>see</i> Goel Prabhatasree 409																	
Chakraborty A <i>see</i> Tewari S	1073	Choudhury Narayani <i>see</i> Rao Mala N 73																	
Chakraborty Keka <i>see</i> Kolekar Y D 189 <i>see</i> Rayaprol S 213		Choudhury R R Phase transition in triglycine family of hydrogen bonded ferroelectrics: An inter- pretation based on structural studies 107 <i>see</i> Sastry P U 257 <i>see</i> Chitra R 263 <i>see</i> Das Amit 363																	
Neutron scattering study of combustion- synthesized $\text{Ce}_{1-x}\text{Cu}_x\text{O}_{2-x}$	245	Clemens D <i>see</i> Gupta Mukul 57																	
Low-temperature neutron diffraction study of $\text{La}_{0.95}\text{Nd}_{0.05}\text{CrO}_3$	251	Colmenero J Hydrogen motions and the α -relaxation in glass-forming polymers: Molecular dy- namics simulation and quasi-elastic neu- tron scattering results 25 <i>see</i> Arbe A 33																	
Chakraborty Susanto Some physical solutions of Yang's equa- tions for $SU(2)$ gauge fields, Charap's equations for pion dynamics and their combination	1039	Crittenden Robert G What have we learnt from Wilkinson mi- crowave anisotropy probe? 829																	
Chanda Pranab Krishna <i>see</i> Chakraborty Susanto	1039	Dadhich Naresh <i>see</i> Kar Sayan 859																	
Chandak R M <i>see</i> Naik S S	455	Chander Subhash Magnetic behavior of nano-particles of $\text{Fe}_{2.8}\text{Zn}_{0.2}\text{O}_4$	345	Summary of classical general relativity workshop 887	Chandra Suresh Search for an interstellar Si_2C molecule: A theoretical prediction	627	Das A <i>see</i> Kolekar Y D 189	Chaplot S L <i>see</i> Rao Mala N 73 <i>see</i> Sen A 393 <i>see</i> Mittal R 399,405		<i>see</i> Kumar Sudhish 199	<i>see</i> Goel Prabhatasree 409 <i>see</i> Mitra S 449		<i>see</i> Jain S K 207	Chatterjee Ashok Universal canonical entropy for gravitat- ing systems	851		Chatterji Tapan Spin dynamics of bilayer manganites	143	
Chander Subhash Magnetic behavior of nano-particles of $\text{Fe}_{2.8}\text{Zn}_{0.2}\text{O}_4$	345	Summary of classical general relativity workshop 887																	
Chandra Suresh Search for an interstellar Si_2C molecule: A theoretical prediction	627	Das A <i>see</i> Kolekar Y D 189																	
Chaplot S L <i>see</i> Rao Mala N 73 <i>see</i> Sen A 393 <i>see</i> Mittal R 399,405		<i>see</i> Kumar Sudhish 199																	
<i>see</i> Goel Prabhatasree 409 <i>see</i> Mitra S 449		<i>see</i> Jain S K 207																	
Chatterjee Ashok Universal canonical entropy for gravitat- ing systems	851																		
Chatterji Tapan Spin dynamics of bilayer manganites	143																		

<p><i>see</i> Efrem D'sa J B C</p> <p>Das Amit</p> <p><i>see</i> Choudhury R R</p> <p><i>see</i> Chitra R</p> <p>Structural changes during the unfolding of Bovine serum albumin in the presence of urea: A small-angle neutron scattering study</p> <p>Das R</p> <p><i>see</i> Tewari S</p> <p>Das S K</p> <p><i>see</i> Datta P K</p> <p>Das Saurya</p> <p>Black-hole thermodynamics: Entropy, information and beyond</p> <p>Das Gupta Patrick</p> <p>Short duration gamma ray bursts</p> <p>Workshop on gravitational waves and relativistic astrophysics</p> <p>Date Ghanshyam</p> <p>Summary of quantum aspects of gravitation workshop</p> <p>Conference overview</p> <p>Datta Amitava</p> <p><i>see</i> Chakrabarti Subhendu</p> <p>Datta P K</p> <p>Diode array pumped, non-linear mirror Q-switched and mode-locked Nd: YVO₄ laser – a good tool for powder SHG measurement</p> <p>Dave Madhavi</p> <p><i>see</i> Vaidya Rajiv</p> <p>De P K</p> <p><i>see</i> Sen D</p> <p>Deb Argha</p> <p><i>see</i> Ghosh Dipak</p> <p>Desai S S</p> <p><i>see</i> Shaikh A M</p> <p>Development of a microstrip-based neutron detector</p> <p>Deshpande R V</p> <p><i>see</i> Singh G P</p> <p>Dey G K</p> <p><i>see</i> Sen D</p> <p>Dhurandhar S V</p> <p>Data analysis techniques for gravitational wave observations</p> <p>Dighe Amol</p> <p>Working group report: Low energy and flavour physics</p> <p>Dixit Manglesh</p> <p>HgO-added YBa₂Cu₃O_{7-d} superconductors</p>	<p>227</p> <p>107</p> <p>263</p> <p>363</p> <p>1073</p> <p>1003</p> <p>797</p> <p>845</p> <p>877</p> <p>883</p> <p>905</p> <p>1355</p> <p>1003</p> <p>611</p> <p>321</p> <p>963</p> <p>465</p> <p>471</p> <p>937</p> <p>717</p> <p>1359</p> <p>233</p>	<p>Duha S S</p> <p>Low-frequency electrostatic dust-modes in a non-uniform magnetized dusty plasma</p> <p>1011</p> <p>Efrem D'sa J B C</p> <p>Low temperature magnetic structure of MnSe</p> <p>227</p> <p>363</p> <p>El-Ela F M Abou</p> <p>Electron lucky-drift impact ionization coefficients of ZnS : Mn</p> <p>1089</p> <p>Faber Joshua</p> <p>Relativistic calculations of coalescing binary neutron stars</p> <p>837</p> <p>Farago B</p> <p><i>see</i> Colmenero J</p> <p>25</p> <p><i>see</i> Arbe A</p> <p>33</p> <p>Forshaw J R</p> <p>Selected topics in Higgs physics at the LHC</p> <p>1119</p> <p>Forty R W</p> <p>B_s⁰ physics at LHCb</p> <p>1135</p> <p>Gaikar V G</p> <p><i>see</i> Pal O R</p> <p>357</p> <p>Galgale Jyotsna</p> <p>Static and dynamic properties of KCN_x Cl_{1-x}</p> <p>413</p> <p>Galgale Jyotsna</p> <p><i>see</i> Gaur N K</p> <p>419</p> <p>Gambini Rodolfo</p> <p>Canonical quantum gravity and consistent discretizations</p> <p>755</p> <p>Ganguly R</p> <p>Sphere-to-rod transition of triblock copolymer micelles at room temperature</p> <p>277</p> <p>Gaonkar V G</p> <p><i>see</i> Naik S S</p> <p>455</p> <p>Garg Gunjan</p> <p>Effect of substitution on aniline in inducing growth of anionic micelles</p> <p>351</p> <p>Gaur N K</p> <p><i>see</i> Dixit Manglesh</p> <p>233</p> <p><i>see</i> Galgale Jyotsna</p> <p>413</p> <p>Phonon dispersion curves of CsCN</p> <p>419</p> <p>Ghodgaonkar M D</p> <p><i>see</i> Pande S S</p> <p>459</p> <p>Ghosh Dipak</p> <p>Strong pionic intermittency in ‘cold’ events in ¹²C–AgBr interactions at 4.5 A GeV</p> <p>963</p>
---	--	--

Goel Prabhatasree		Harada Tomohiro
Lattice dynamics of lithium oxide	409	Gravitational collapse and naked singularities
González Gabriela		741
Gravitational wave detectors: New eyes for physics and astronomy	663	Hassan P A
Gopalakrishnan I K		<i>see</i> Ganguly R
<i>see</i> Ganguly R	277	277
Goswami Sribabati		<i>see</i> Garg Gunjan
Working group report: Neutrino and astroparticle physics	1391	351
Gowda Ramakrishna		Hegde M S
<i>see</i> Gowda Shivalinga	529	<i>see</i> Chakraborty Keka R
Gowda Shivalinga		245
Photon mass attenuation coefficients, effective atomic numbers and electron densities of some thermoluminescent dosimetric compounds	529	Hesselbach Stefan
Goyal Navdeep		<i>see</i> Bartl Alfred
<i>see</i> Zolanvari Abdolali	617	1101
Goyal P S		Hoell A
Role of IUC-DAEF in promoting neutron beam research in India	15	<i>see</i> Shukla A
<i>see</i> Aswal V K	65	291
<i>see</i> Mohanty B	271	Indumathi D
<i>see</i> Aswal V K	285	India-based Neutrino Observatory (INO)
<i>see</i> Sharma K Shivaji	297	1283
<i>see</i> Haldar J	303	Jain S K
<i>see</i> Nisha C K	315	Magnetic behaviour of $(Fe_{0.85}Cr_{0.15})_2As$
<i>see</i> Aswal V K	333	207
<i>see</i> Pal O R	357	Jalori Harsha
Grandclément Philippe		Upconversion of whistler waves by gyrating ion beams in a plasma
<i>see</i> Faber Joshua	837	579
Gupta Mukul		Jani A R
AMOR – the time-of-flight neutron reflectometer at SINQ/PSI	57	<i>see</i> Vaidya Rajiv
Gupta N M		611
<i>see</i> Mitra S	443	Jayachandran K N
Gupta P D		<i>see</i> Nisha C K
<i>see</i> Moorti A	1031	315
Gupta Sourrendu		Jayakumar O D
Lattice QCD with chemical potential: Evading the fermion-sign problem	1211	<i>see</i> Mittal R
Gutberlet T		405
<i>see</i> Gupta Mukul	57	Jha Prafulla K
Gwal A K		<i>see</i> Shinde S
<i>see</i> Jalori Harsha	595	425
Haldar J		Joarder R N
Small-angle neutron scattering study of aggregate structures of multi-headed pyridinium surfactants in aqueous solution	303	<i>see</i> Sahoo A
		183
		Joshi J V
		<i>see</i> Aswal V K
		285
		<i>see</i> Sharma K Shivaji
		297
		<i>see</i> Pal O R
		357
		Joshi P B
		<i>see</i> Kolekar Y D
		189
		Kalogera Vassiliki
		Binary compact object inspiral: Detection expectations
		673
		Kamble V S
		<i>see</i> Mitra S
		443
		Kaplinghat Manoj
		Early reionization and its cosmological implications
		865
		Kar Sayan
		Quantifying energy condition violations in traversable wormholes
		859
		Kataria S K
		<i>see</i> Pande S S
		459

Kaur Nupinder		Kulhar V S	
<i>see</i> Galgale Jyotsna	413	Muonium/muonic hydrogen formation in atomic hydrogen	543
Kaura Sushil K	993	Kulkarni S B	
<i>see</i> Aggarwal A K		<i>see</i> Kolekar Y D	189
Keller P	57	Kulshreshtha S K	
<i>see</i> Gupta Mukul		<i>see</i> Garg Gunjan	351
Keum Yong-Yeon		<i>see</i> Mittal R	405
Phenomenological applications of k_T factorization	1151	Kumar Amit	
Khare Avinash		Magnetic structure of molecular magnet Fe[Fe(CN) ₆].4H ₂ O	239
Connecting Jacobi elliptic functions with different modulus parameters	921	Kumar S	
Kim Shin Ae	175	Three-body analysis of ¹¹ Li and its β -decay to deuteron channel and to halo analog state ¹¹ Be* (18.3 MeV)	509
<i>see</i> Choi Yong Nam		Kumar Shishir	
Kim Sung Baek	175	<i>see</i> Verma Mahendra K	553
<i>see</i> Choi Yong Nam		Kumar Sudhish	
Kim Sung Kyu	175	Magnetization and neutron diffraction studies on FeCrP	199
<i>see</i> Choi Yong Nam		Kundu Anirban	
Kiselev M A	291	<i>see</i> Dighe Amol	1359
<i>see</i> Shukla A		Lad Kirit N	
Kohlbrecher J	339	<i>see</i> Pratap Arun	431
<i>see</i> Aswal V K		Laenen Eric	
Kolekar Y D		Resummation for observables at TeV colliders	1225
Structural study and electrical properties of Zr-doped Nd ₂ Sn ₂ O ₇ pyrochlore compounds	189	Lakhanpal Seema	
Kolesnikov A I	405	<i>see</i> Chander Subhash	345
<i>see</i> Mittal R		Lee Chang-Hee	
Kotwal Ismat	455	<i>see</i> Choi Yong Nam	175
<i>see</i> Naik S S		Löhneysen H v	
Krishna P S R	183	<i>see</i> Pintschovius L	117
<i>see</i> Sahoo A		Loong C-K	
<i>see</i> Rayaprol S	213	<i>see</i> Mittal R	405
<i>see</i> Srikanth J S	221	Maharana Jnanadev	
<i>see</i> Efrem D'sa J B C	227	<i>see</i> Date Ghanashyam	883
<i>see</i> Dixit Manglesh	233	Maharana L	
<i>see</i> Chakraborty Keka R	245,251	<i>see</i> Sahoo S	491
Krishnamurthy Anjali	199	Mahata T	
<i>see</i> Kumar Sudhish		<i>see</i> Sen D	309
Krishnamurthy Anjali	207	Maiti Souvik	
<i>see</i> Jain S K	345	<i>see</i> Nisha C K	315
<i>see</i> Chander Subhash		Majumdar Parthasarathi	
Krishnaveni S	529	<i>see</i> Chatterjee Ashok	851
<i>see</i> Gowda Shivalinga		Majumdar Subhabrata	
Kuberkar D G	213	Cosmology with cluster surveys	871
<i>see</i> Rayaprol S		Mallick Asok Kumar	
Küçükburسا A		<i>see</i> Ghosh Dipak	963
An investigation of the influence of the pairing correlations on the properties of the isobar analog resonances in $A = 208$ nuclei	947	Mamun A A	
		<i>see</i> Duha S S	1011

Manake Manik <i>see</i> Galgale Jyotsna	413	Mondal N K <i>see</i> Chakrabarti Subhendu	1355
Manorama Sunkara V <i>see</i> Nisha C K	315	Mondal Naba K Working group report: High energy and collider physics	1331
Mathews Prakash Working group report: Quantum chro- modynamics	1367	Monkenbusch M <i>see</i> Colmenero J	25
Mazumder S Characterization of porous materials by small-angle scattering	165	<i>see</i> Arbe A	33
<i>see</i> Sen D	309,321	Moorti A Characteristics of a multi-keV monochro- matic point x-ray source based on vac- uum diode with laser-produced plasma as cathode	1031
<i>see</i> Patra A K	327	Motoya Kiyoichiro Magnetic correlation, excitation and slow dynamics in concentrated spin-glass al- loys	155
Mehta R V <i>see</i> Aswal V K	285	Mukhopadhyay P K <i>see</i> Pande S S	459
Mikula Pavel <i>see</i> Choi Yong Nam	175	Mukhopadhyay R <i>see</i> Mitra S	81,437,443,449
Misra A P Higher order contribution to the prop- agation characteristics of low frequency transverse waves in a dusty plasma	579	Mukhopadhyay S <i>see</i> Datta P K	1003
Mitra S Quasi-elastic neutron scattering study of dynamics in condensed matter	81	Muktavat Kshamata <i>see</i> Saxena Sachin	977
Excess water dynamics in hydrotalcite: QENS study	437	Naik P A <i>see</i> Moorti A	1031
Dynamics of different molecules adsorbed in porous media	443	Naik S S Data acquisition and instrument control system for neutron spectrometers	455
Acetylene diffusion in Na-Y zeolite	449	Narros A <i>see</i> Colmenero J	25
Mittal R <i>see</i> Rao Mala N	73	Neubert R H H <i>see</i> Shukla A	291
<i>see</i> Sen A	393	Nir Yosef Contributed report: Flavor anarchy and Majorana neutrinos	1407
Inelastic neutron scattering in Zr ₂ NiH _{1.9} and Zr ₂ NiH _{4.6}	399	Nisha C K Small-angle neutron scattering studies on water soluble complexes of poly(ethylene glycol)-based cationic random copolymer and SDS	315
Inelastic neutron scattering and lattice dynamics of GaPO ₄	405	Ostriker Jeremiah P The current status of observational cos- mology	817
Mitra J <i>see</i> Sen D	321	Pal O R Small-angle neutron scattering studies of sodium butyl benzene sulfonate aggre- gates in aqueous solution	357
Mohan Rajneesh <i>see</i> Dixit Manglesh	233		
Mohanty B Small-angle neutron and dynamic light scattering study of gelatin coacervates	271		
Mohapatra R N What can we learn from high precision measurements of neutrino mixing angles?	1295		
Mondal K K Propagation of dust-acoustic waves in weakly ionized plasmas with dust-charge fluctuation	1021		

Pande S S		Rajanna K	
Instrumentation for PSD-based neutron diffractometers at Dhruva reactor	459	<i>see</i> Desai S S	471
Paranjpe S K		Rakhecha Veer Chand	
<i>see</i> Kolekar Y D	189	<i>see</i> Wagh Apoorva G	51,369,381
<i>see</i> Kumar Sudhish	199	Rakshit A K	
<i>see</i> Jain S K	207	<i>see</i> Sharma K Shivaji	297
Parmar Rohini		Ramanadham M	
<i>see</i> Rayaprol S	213	<i>see</i> Choudhury R R	107
Patel Rajesh		<i>see</i> Rayaprol S	213
<i>see</i> Aswal V K	285	<i>see</i> Chakraborty Keka R	251
Patel S G		<i>see</i> Sastry P U	257
<i>see</i> Vaidya Rajiv	611	<i>see</i> Chitra R	263
Patel S S		<i>see</i> Das Amit	363
<i>see</i> Vaidya Rajiv	611	Ramanathan S	
Patra A K		<i>see</i> Patra A K	327
<i>see</i> Mazumder S	165	Rangarajan Raghavan	
<i>see</i> Sen D	309,321	<i>see</i> Goswami Sribabati	1391
SANS investigation on evolution of pore morphology for varying sintering time in porous ceria	327	Rao K R	
<i>see</i> Shaikh A M	465	National facility for neutron beam research	5
Paul S K		Rao Mala N	
<i>see</i> Duha S S	1011	Inelastic neutron scattering and lattice dynamics studies in complex solids	73
Paul S N		<i>see</i> Sen A	393
<i>see</i> Misra A P	579	Rasio Frederic	
Pfleiderer C		<i>see</i> Faber Joshua	837
<i>see</i> Pintschovius L	117	Raval K G	
Pintschovius L		<i>see</i> Pratap Arun	431
Partial magnetic order in the itinerant-electron magnet MnSi	117	Ray Hasi	
Prabhu R B		Studies of ionization and excitation processes in Ps-Li scattering	1063
<i>see</i> Efrem D'sa J B C	227	Rayaprol S	
Prafulla S		Neutron diffraction studies on $\text{La}_{2-x}\text{Dy}_x\text{Ca}_{2x}\text{Ba}_2\text{Cu}_{4+2x}\text{O}_z$ superconductors	213
<i>see</i> Pande S S	459	Reznik D	
Pramanik A		<i>see</i> Pintschovius L	117
<i>see</i> Mitra S	437	Richter D	
Pratap Arun		<i>see</i> Colmenero J	25
Structure factors and phonon dispersion in liquid $\text{Li}_{0.61}\text{Na}_{0.39}$ alloy	431	<i>see</i> Arbe A	33
Priolkar K R		Rindani Saurabh D	
<i>see</i> Efrem D'sa J B C	227	<i>see</i> Mondal Naba K	1331
Pullin Jorge		Rini E G	
<i>see</i> Gambini Rodolfo	755	<i>see</i> Gaur N K	419
Purkait Krishnadas		Roessli B	
<i>see</i> Ghosh Dipak	963	Some applications of polarized inelastic neutron scattering in magnetism	125
Radhakrishna V		Roy Chowdhury A	
<i>see</i> Desai S S	471	<i>see</i> Misra A P	579
Raghuramaiah M		Sahoo A	
<i>see</i> Moorti A	1031	Temperature effects on the structure of liquid D-methanol through neutron diffraction	183
Raj P			
<i>see</i> Mittal R	399		

Sahoo S		Sharma A K	
Flavour-changing neutral currents in models with extra Z' boson	491	<i>see</i> Aggarwal A K	993
Salamov D I		Sharma B P	
<i>see</i> Küçükburسا A	947	<i>see</i> Sen D	309
Samanta G K		Sharma K Shivaji	
<i>see</i> Datta P K	1003	Small-angle neutron scattering studies of nonionic surfactant: Effect of sugars	297
Sanyal S P		Shashikala K	
<i>see</i> Shinde S	425	<i>see</i> Mittal R	399
Sarkar S		Shelke Vilas	
<i>see</i> Sahoo A	183	<i>see</i> Dixit Manglesh	233
Sarkar Sharmila		Shibata Masaru	
<i>see</i> Ghosh Dipak	963	Status of numerical relativity	703
Sarode P R		Shinde A B	
<i>see</i> Efrem D'sa J B C	227	<i>see</i> Srikiran J S	221
Sasaki Misao		Shinde S	
Brane-world cosmology and inflation	785	Theoretical study of the transverse acoustic phonons of GaSb at high pressure	425
Sastray P U		Shukla A	
<i>see</i> Choudhury R R	107	Characterization of nanoparticles of lidocaine in w/o microemulsions using small-angle neutron scattering and dynamic light scattering	291
Zinc (tris) thiourea sulphate (ZTS): A single crystal neutron diffraction study		Singh G P	
	257	Higher-dimensional cosmological model with variable gravitational constant and bulk viscosity in Lyra geometry	937
Sathyamoorthy A		Singh Kiran	
<i>see</i> Mittal R	399	<i>see</i> Dixit Manglesh	233
Saxena Sachin		Singh Navinder	
Electron impact excitation of the D states of Mg, Ca and Sr atoms: Complete experiment results	977	Relaxation between electrons and surface phonons of a homogeneously photoexcited metal film	1083
Sen A		Singh Preeti	
Inelastic neutron scattering study of lattice dynamics in α -ZnCl ₂	393	<i>see</i> Galgale Jyotsna	413
Sen D		Singh Preeti	
<i>see</i> Mazumder S	165	<i>see</i> Gaur N K	419
Effect of porosity and pore morphology on the low-frequency dielectric response in sintered ZrO ₂ -8 mol% Y ₂ O ₃ ceramic compact	309	Singh R K	
<i>see</i> Patra A K	321	<i>see</i> Dixit Manglesh	233
Sengupta Ranjan		<i>see</i> Galgale Jyotsna	413
<i>see</i> Ghosh Dipak	963	<i>see</i> Gaur N K	419
Shadmi Yael		Singh Sunil K	
<i>see</i> Nir Yosef	1407	<i>see</i> Jalori Harsha	595
Shaikh A M		Singh Surendra	
Two-dimensional position sensitive neutron detector	465	Polarized neutron reflectometry at Dhruva reactor	387
Shaikh A M		Singh T	
<i>see</i> Desai S S	471	<i>see</i> Singh G P	937
		Soni Amarjit	
		<i>see</i> Browder Thomas E	1171
		Soper A K	
		The structure of molten ZnCl ₂ : A new analysis of some old data	41

Souradeep Tarun		Turgut U	
<i>see</i> Ostriker Jeremiah P	817	Chemical effect on the K shell fluorescence yield of Fe, Mn, Co, Cr and Cu compounds	969
Souradeep Tarun		Tyagi A K	
Summary of cosmology workshop	891	<i>see</i> Chakraborty Keka R	251
Srikiran J S		Uma Sankar S	
Structure and magnetic properties of colossal magnetoresistance compound Tb _{0.5} Sr _{0.5} CoO ₃	221	Long baseline neutrino experiments	1307
Srivastava Bipin K		Umarji A M	
<i>see</i> Kumar Sudhish	199	<i>see</i> Mitra S	449
<i>see</i> Jain S K	207	Umesh T K	
<i>see</i> Chander Subhash	345	<i>see</i> Gowda Shivalinge	529
Srivastava M K		Upadhyay R V	
Scaling of cross-sections for asymmetric (<i>e</i> , 3 <i>e</i>) process on helium-like ions by fast electrons	1053	<i>see</i> Aswal V K	285
Srivastava Rajesh		Vaidya Rajiv	
<i>see</i> Saxena Sachin	977	Growth of molybdenum disulphide using iodine as transport material	611
Srivastava V D		Verma Mahendra K	
<i>see</i> Pande S S	459	Large-eddy simulations of fluid and magnetohydrodynamic turbulence using renormalized parameters	553
Stahn J		Visser Matt	
<i>see</i> Gupta Mukul	57	<i>see</i> Kar Sayan	859
Strobl Markus		Vogelsang Werner	
<i>see</i> Wagh Apoorva G	369	QCD spin physics: Status and prospects for relativistic heavy-ion collider	1251
Sukhatme Uday		Wagh Apoorva G	
<i>see</i> Khare Avinash	921	Interfering with the neutron spin	51
Sumitra S		A polarised SUSANS facility to study magnetic systems	369
<i>see</i> Mitra S	449	<i>see</i> Abbas Sohrab	375
Tagiyeva R T		Geometric formula for prism deflection	381
Dispersion relation for localized magnetic polaritons propagating at the junction of two ferromagnetic/non-magnetic superlattices	633	Will Clifford M	
Talati M		The confrontation between general relativity and experiment	731
<i>see</i> Shinde S	425	Willner L	
Tanaka I		<i>see</i> Arbe A	33
Neutron protein crystallography in JAERI	99	Yadav Vipin K	
Tewari S		Electron cyclotron resonance heating in a short cylindrical plasma system	563
Resonance Raman study on distorted symmetry of porphyrin in nickel octaethyl prophyrin	1073	Yajnik U A	
Treimer Wolfgang		Particle physics implications of Wilkinson microwave anisotropy project measurements	1317
<i>see</i> Wagh Apoorva G	369	Yakhmi J V	
Tripathi A K		<i>see</i> Ganguly R	277
<i>see</i> Mitra S	443	Yashoda T	
Tripathi S K		<i>see</i> Gowda Shivalinge	529
<i>see</i> Zolanvari Abdolali	617		
Trivedi Sandip P			
De Sitter universes and the emerging landscape in string theory	777		

Yashonath S <i>see</i> Mitra S	449	<i>see</i> Kumar Amit	239
Yusuf S M Magnetic studies of colossal magnetoresistance perovskites on macroscopic, mesoscopic and microscopic length scales	133	<i>see</i> Chakraborty Keka R	251
Zolanvari Abdolali			
		Electrical properties of a- $\text{Ge}_x\text{Se}_{100-x}$	617