

CONTENTS

VOLUME II

	Page
Welcome Address of the Vice-Chancellor and Founder of Vidarbha Professors' Club	1
– W. M. Kalmegh	
Welcome Address of Senior Ex-President of Vidarbha Professors' Club	
– B. T. Deshmukh	
Presidential Address	
– Prof. G. Bandyopadhyay	
Interactions of Zero-mass Scalar Fields and Charged Perfect Fluids in Spherically Symmetric Conformally Flat Space-times	
– J. R. Rao and R. T. Singh	309
The 1927 Einstein and 1935 EPR Paradox	
– Olivier Costa De Beauregard	317
The Superenergy In General Relativity	
– J. Garecki	349
On A Possible connection Between The Spontaneous Breaking of $SU(2) \times U(1)$ Symmetry and The Variability of c On A Strong Gravity Background	
– V. De Sabbata and M. Gasperini	371
Reduction of Four-Dimensional Vector-Field In Terms of Standard Helicity Representations of Lorentz Group	
– B. S. Rajput, K. D. Purohit & H. C. Chandola	379
On the Truesdell Propagation in Relativistic Rheology	
– B. B. Walwadkar and L. Radhakrishna	391
Investigation of The Problem of Singularities In General Relativity	
– Uma Basu, Indira Addy (Mrs. Paul) and B. K. Datta	403
Problem Of Gravitational Collapse Of A Perfect Fluid In General Relativity	
– H. Dalal and B. K. Datta	409

Gauge Theories : A Natural Consequence of The Relativity Principle	- K. H. Mariwalla	417
Complex Angular Momentum Operators In Terms Of Generators of Homogeneous Lorentz Group	- K. N. Joshi and B. S. Rajput	431
The Evolution Of The Concept Of Time	- J. P. Hsu and B. C. Hsu	439
Formation Of Protogalaxies And Perturbation Techniques In Cosmology	- V. B. Johri	457
Free Gravitational Field In Relativistic Elastic System	- K. V. Virkar	467
On The Foundation Of The Unified Field Theory	- L. C. Jain, R. C. Jaiswal and A. V. Vinchurkar	475
Singularities Of A Static Spherically Symmetric Coupled Zero-Mass And Source-Free Electromagnetic Field Solution	- R. N. Tiwari	489
Relativistic Nonstatic Cylindrically Symmetric Electromagnetic Fields And ' Stiff ' Perfect Fluids	- J. R. Rao, R. N. Tiwari and G. Mohanty	497
List of The Papers of which Abstracts were Submitted to Einstein Centenary Symposium		
Group Photo		

