

CONTENTS

1.	ON THE GINZBURG - LANDAU ENERGY WITH VANISHING WEIGHT by Cătălin Lefter and Vicențiu Rădulescu	3
2.	ON SOME CHARACTERIZATION OF QUASI-CONTINUOUS FUNCTIONS by Irena Domnik	12
3.	ON THE ASYMPTOTIC BEHAVIOR OF SYSTEMS OF DIFFERENTIAL EQUATIONS IN BANACH SPACES by Juan E. Năpoles Valdes	21
4.	EXISTENȚA ȘI COMPORTAMENTUL SOLUȚIILOR RADIAL SIMETRICE POZITIVE PENTRU PROBLEMA $-\Delta u = \lambda u ^{p-1} + \nu u ^{q-1}$ în \mathbb{R}^N ($N \geq 2$) by Nicolae Țarfulca	28
5.	ASUPRA COMPORTĂRII ASIMPTOTICE A PROBABILITĂȚILOR DE TRECERE PENTRU LANȚURILE MARKOV DUBLE OMOGENE by Ion Vladimirescu	38
6.	NOTE ON A TEST INVOLVING REPEATED TRIALS FOR THE HIT OR MISS MONTE CARLO INTEGRATION by F.Gorunescu, M. Gorunescu, M.Sterpu	42
7.	SUR QUELQUES PROBLÈMES D'ANALYSE FONCTIONNELLE de Marian F. Bocea	51
8.	UNE FORME PLUS GÉNÉRAL DU THÉORÈME DU COL par Mihaela Mirea et Dacian Dăescu	59
9.	ASYMPTOTIC BEHAVIOR OF THE SOLUTIONS OF A SECOND ORDER DIFFERENTIAL EQUATION by Aurel Diamandescu	65
10.	INTEGER-VALUED POLYNOMIALS AND FULL SUBSETS by Cătălin Bărbăcioru	71
11.	PROBLEM OF COMPUTATIONAL GEOMETRY IN "RAY-TRACING" by Petre Băzăvan	80
12.	MODÉLATION DES OBJETS COMPLEXES AVEC IDENTITÉ D'OBJET par Grigor Moldovan et Cristea Boboilă	89
13.	L'OBJET ACTIF, BASE D'UN MODÈLE DE DONNÉE ORIENTÉ OBJET par Grigor Moldovan et Cristea Boboilă	99