

I N D E X

| | |
|--|-----|
| <i>Móri F. T.</i> : A studentized Chebyshev inequality | 3 |
| <i>Luderer B. and Schwartz B.</i> : Decomposition in convex programming and optimal control problems | 11 |
| <i>Kálovics F.</i> : An algorithm for the best Chebyshev approximation | 19 |
| <i>Fawzy Th. and Holail F. S.</i> : (0,2) lacunary interpolation with splines of degree 6 ... | 27 |
| <i>Fröhner M.</i> : Ein Galerkin-Verfahren zur numerischen Lösung der Burgers-Gleichung | 37 |
| <i>Agbeko N. K.</i> : Some reverse maximal inequalities for supermartingales | 49 |
| <i>Daróczy Z., Járai A. and Kátai I.</i> : Interval filling sequences | 53 |
| <i>Sattler J. and Schnorr C. P.</i> : Generating random walk in groups | 65 |
| <i>Molnár S.</i> : On the convergence of the kriging method | 81 |
| <i>Cherkasova L. A. and Kotov V. E.</i> : On properties of nets for modelling of systems and generalized processes | 91 |
| <i>Szepesvári I.</i> : On stability and convergence of finite difference scheme for filtration equation | 103 |
| <i>Fawzy Th.</i> : Notes on lacunary interpolation by splines. II. (0, 2) interpolation | 117 |
| <i>Ahmed I. R.</i> : (0, 1, 4) lacunary interpolation by splines | 125 |
| <i>Okuguchi K. and Szidarovszky F.</i> : On the existence and computation of equilibrium points for an oligopoly game with multi-product firms | 131 |
| <i>Okuguchi K. and Szidarovszky F.</i> : The equilibrium problem for a linear model of oligopoly with multi-product firms | 139 |
| <i>Vostrikova L.</i> : Functional limit theorems for the likelihood ratio processes | 145 |
| <i>Jankó B.</i> : On a unified theory of iteration methods for solving nonlinear operator equations. II | 183 |

ISSN 0138—9491

Technikai szerkesztő:
Dr. IVÁNYI ANTAL

A kiadásért felelős: Eötvös Loránd Tudományegyetem rektora
A kézirat nyomdába érkezett: 1986. január. Megjelent: 1987. június.

Terjedelem: 15,96 A/5 ív. Példányszám: 1050.

Készült monó- és kéziszedéssel, íves magasnyomással,
az MSZ 5601—59 és az MSZ 5602—55 szabványok szerint

86. 147., Állami Nyomda, Budapest
Felelős vezető: Mihalek Sándor igazgató

**ANNALES UNIVERSITATIS SCIENTIARUM BUDAPESTINENSIS
DE ROLANDO EÖTVÖS NOMINATAE
SECTIO COMPUTATORICA**

Publication: yearly 1 or 2 issues (about 150 p. each) are scheduled to appear, which are available – mainly through exchange – from the library of the Dept. of General Computer Science of the Eötvös University, H – 1088, Budapest, Múzeum krt. 6–8.

Editorial Policy: This journal will publish research and, in special cases, survey papers treating problems from a broad field of applied mathematics written with mathematical precision, giving priorities to articles connected with the activities and interests within the departments of applied mathematics of the Eötvös University. The areas of main interest are: classical numerical analysis, modern theories of algorithms of approximation, the optimization both in deterministic and stochastic cases, summation of series, modelling and simulation, mathematical system theory, estimations of computational complexity, theory of automata, languages and systems programming. Reviews of new books, both from and outside Hungary, will be published also.

Instruction for authors. Manuscripts should be submitted in two exemplars – written in English, German or Russian, and prepared in form as the ones already appeared – to the editor-in-chief

I. KÁTAI

Dept. of General Computer Science, Eötvös University,
H – 1088, Budapest, Múzeum krt. 6–8.