

# Kybernetika

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## Přehled literatury

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V přehledu literatury jsou uváděny vybrané statí s kybernetickou problematikou z časopisů, které dochází redakci časopisu Kybernetika.

*Behavioral Science 15* (January 1970), 1

*B. Chance: The Identification and Control of Metabolic States. F. A. Dodge, R. M. Shapley, B. W. Knight: Linear Systems Analysis of the Limulus Retina. B. E. Wright: The Use of Kinetic Models to Analyze Differentiation. L. C. Gatewood, E. Ackerman, J. W. Rosevear, G. D. Molnar: Modeling Blood Glucose Dynamics. F. S. Grodins, J. C. Buoncristiani: General Formulation of the Cardiovascular Control Problem — Mathematical Models.*

*Economic Computation and Economic Cybernetics Studies and Research* (1969), 4

*C. Ionescu: Trends and Developments in Research Activities in the field of Economic Computation and Economic Cybernetics. Š. Birlea: The System Concept in Economic Cybernetics. N. Racoveanu: System Simulation, Models and Categories. C. Arsene, S. Cruceanu: An Aggregative Model of Optimal Economic Growth for Investments with Time Lag. I. Săcuiu, R. Theodorescu: The Variance of a Random Variables Product and the Efficiency of Certain Estimations. M. Malija, C. Zidăroiu: A Mathematical Model for the Ascertainment of an Optimal Foreign Currency Policy.*

*Funkcialaj Ekvacioj 12* (Oktobro 1969), 2

*T. Ura: Isomorphism and Local Characterization of Local Dynamical Systems. K. Akô: On Some Obvious Theorems in Functional Analysis. S. Ahmad: On Ura's Axioms and Local Dynamical Systems.*

*IBM Journal of Research and Development 14* (January 1970), 1

*D. B. Billingsley: On the Equations of Holland in the Solution of Problems in Multicomponent Distillation. T. Bohlin: On the Maximum Likelihood Method of Identification.*

*IEEE Transactions on System Science and Cybernetics SSC-5* (October 1969), 4

*T. W. Calvert, T. Y. Young: Randomly Generated Nonlinear Transformations for Pattern Recognition. G. Nagy: Feature Extraction on Binary Patterns. J. R. Smith, M. Negin, A. H. Nevis: Automatic Analysis of Sleep Electroencephalograms by Hybrid Computation. W. R. Elmendorf: Controlling the Functional Testing of an Operating System. W. D. O'Neill, C. K. Sanathanan, J. S. Brodkey: A Minimum Variance, Time Optimal, Control System Model of Human Lens Accommodation. A. Troelsra: System Identification with Threshold Measurements. K. Fukushima: Visual Feature Extraction by Multilayered Network of Analog Threshold Elements. R. C. Conant: The Information Transfer Required in Regulatory Processes. A. V. Phatak, G. A. Bekey: Decision Processes in the Adaptive Behavior of Human Controllers. I. J. Shapiro, K. S. Narendra: Use of Stochastic Automata for Parameter Self-Optimization with Multimodal Performace Criteria. R. L. Cosgriff: The Asymptotic Approach to Traffic Dynamics.*

*The Journal of Symbolic Logic 34* (December 1969), 4

*R. Hindley: An abstract form of the Church-Rosser theorem. J. T. Kearns: Combinatory logic with discriminators. Y. N. Moschovakis: Abstract computability and invariant definability. G. T. Herman: A simple solution of the uniform halting problem.*

*V. N. Vladowa, J. A. Müller:* Regelkreissynthese mittels adaptiver Modelle. *K. Balla:* Methode zur Erfassung zusammengesetzter linearer Systeme unter Verwendung von Zustandvariablen. *M. Peschel, L. Köhler:* Integration und Differentiation statischer Kennlinien mit statistischen Hilfsmitteln. *H. Adler, G. Neidhold, M. Böhmer:* Erweiterung eines konventionellen Analogrechners zu einem programmgesteuerten Rechner.

Проблемы передачи информации V (октябрь — ноябрь — декабрь 1969), 4

*B. И. Коржик:* Расширенное преобразование Гильберта и его применения в теории сигналов. *B. М. Гриценко:* Недвоичные арифметические корректирующие коды. *A. Л. Генис:* О собственных значениях корреляционных матриц. *A. А. Григорян, Г. И. Цемель:* К опознаванию согласных звуков и неоднородных гласных по переходным сегментам гласных. *П. П. Бочаров:* Об обслуживании на однолинейной пусаконо-эрланговской системе с ограниченным числом мест для ожидания и относительным приоритетом. *В. Б. Колмановский:* Об устойчивости стохастических систем с запаздыванием. *Н. Б. Васильев:* О предельном поведении одной случайной среды.

Studia Logica XXV (1969)

*J. Waszkiewicz, B. Węglorz:* On products of structures for generalized logics. *E. Orłowska:* Mechanical theorem proving in a certain class of formulae of the predicate calculus. *A. S. Troelstra:* Informal theory of choice sequences. *J. Woods:* Intensional relations. *B. Iwanuś:* An extension of the traditional logic containing the elementary ontology and the algebra of classes.