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NSA TECHNICAL JOURNAL

CUMULATIVE INDEX

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Barry D. Carleen
Chief, Publications

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Electronic Calligraphy (U)		Vol. XI, No. 1, Winter 1966	Calligraphy
Elements of Shift Register Cryptology (U)		Vol. XVI, No. 2, Spring 1971	Cryptology Mathematics
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Evaluating Intercept Systems (U)		Vol. IX, No. 4, Fall 1964	Signals
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Exact Markoff Probabilities from Oriented Linear Graphs (U)		Vol. II, No. 3, July 1957	Mathematics
Example of Computer Graphics as Applied to Key Analysis, An (U)		Vol. XXII, No. 1, Winter 1977	Computer graphics
Example of Substantive Analysis, An (U)		Vol. XI, No. 3, Summer 1966	Analysis Soviet
Experiences 1920-1939 (U)	Tiltman, John H., Brigadier	Vol. XVII, No. 3, Summer 1972	Cryptologic history
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Fast Look-up in a Threaded Dictionary (U)		Vol. XVI, No. 1, Winter 1971	Dictionary references
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"Fingerprinting" Code Groups by Computer (U)		Vol. XVII, No. 3, Summer 1972	Bookbreaking Computers
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"Food for Thought" in LVHF Reception (U)		Vol. XX, No. 4, Fall 1975	LVHF collection
Foreign vs. U.S. Computers: An Appraisal (U)		Special Council of Learned Organization Issue, 1972	Computers
Fourier Analysis on Finite Abelian Groups (U)		Vol. XXI, No. 3, Summer 1976	Mathematics
Fourier Coefficients and Function Decomposition (U)		Special Fast Fourier Issue, August 1973	Mathematics
Fourier Modulus Method of Cage Identification (U)		April 1960	Cryptanalysis
Frame Versus Corpus (U)		Vol. XVII, No. 1, Winter 1972	Bookbreaking Computers
Freedom in Translation (U)		Vol. XXI, No. 3, Summer 1976	Translation
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Fundamentals of Majority Logic (U)	Gerson, Nathaniel C.	Vol. IV, No. 4, October 1959	Digital circuits Logic
Future Problems of Intercept (U)		Vol. VIII, No. 1, Winter 1963	COMINT ELINT
FUZZY: An Evolutionary Model for Data Structures (U)		Vol. XXIV, No. 3, Summer 1979	Programming Software
Garden Paths I Have Followed (U)		Vol. IX, No. 3, August 1964	Cryptanalysis
GEE System - I, The (U)	Unknown	Fall 1961	Cryptologic history Germany

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GEE System - II, The (U)	Unknown	Vol. VII, No. 1, Winter 1962	Cryptologic history Germany
GEE System - III, The (U)	Unknown	Vol. VII, No. 2, Spring 1962	Cryptologic history Germany
GEE System - IV, The (U)	Unknown	Vol. VII, No. 3, Summer 1962	Cryptologic history Germany
GEE System - V, The (U)		Vol. VII, No. 4, Fall 1962	Cryptologic history Germany
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Generating Function Approach to GRETAG, A (U)		Vol. XXII, No. 1, Winter 1977	Mathematics
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Geometric Approach to Waveform Recognition, A (U)		Vol. VIII, No. 2, Spring 1963	Mathematics
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Graceful Degradation through Distributed Intelligence (U)		Vol. XXIII, No. 3, Summer 1978	Computers
Graph Theory (U)		Vol. XII, No. 3, Summer 1967	Mathematics
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Gweeks Had a Gwoup for It, The (U)	Filby, P. W.	Vol. XXI, No. 2, Spring 1976	Bletchley Park Cryptologic history
Handle with Care: Russian Transliteration (U)	Salemme, Arthur J.	Vol. XII, No. 4, Fall 1967	Russian transliteration
Help Stamp Out Programming (U)	Jacobs, Walter W.	Vol. XIV, No. 3, Summer 1969	Computer programming
Hierarchical Clustering of Cryptanalytic Data and Comparison with Multidimensional Scaling, The (U)		Vol. XXI, No. 4, Fall 1976	Cryptanalysis
High-Speed Automatic Scanning of Speech Bandwidth Channels (U)		Vol. XX, No. 4, Fall 1975	Speech scanning
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<div style="border: 1px solid black; width: 200px; height: 40px; margin-bottom: 5px;"></div> U//FOUO		Vol. XX, No. 2, Spring 1975	Collection
How Can the Communications Sciences Contribute to the Study of Natural Systems? (U)		Vol. VIII, No. 3, Summer 1963	Communications Cybernetics
How the Germans Broke a U.S. Code (U)		Fall 1960	Codes Germans
How the Japanese Army Water Transport Code 2468 Was Broken (U)		Vol. XVIII, No. 4, Fall 1973	Cryptologic history Japan
How to Choose a Good Crib (U)	D'Imperio, Mary E.	Vol. X, No. 4, Fall 1965	Cryptanalysis
How to Visualize a Matrix (U)		Vol. VIII, No. 3, Summer 1963	Mathematics
Human-Machine Interfaces for NSA Computer Systems (U)		Vol. XXIV No. 4, Fall 1979	Computers SOLIS
Hybrid Circuits (U)		Vol. III, No. 1, January 1958	Circuits
IFF: A New Branch of Cryptology (U)		Vol. II, No. 4, October 1957	IFF Planes
In General the <div style="border: 1px solid black; width: 40px; height: 15px; display: inline-block;"></div> Iteration Converges (U) (U//FOUO)		Vol. XII, No. 1, Winter 1967	Mathematics
Inexpensive Device for Pictorial Input and Output, An (U)		January 1960	Computer graphics
Information Storage and Retrieval (U)		Vol. VIII, No. 4, Fall 1963	Information retrieval
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Insolvable Problem, An (U)	Jacobs, Walter W.	Vol. VIII, No. 3, Summer 1963	Computers Cryptology Turing machine
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Integrated and Guided Wave Optics and Device Applications (U)		Vol. XXIV, No. 2, Spring 1979 and Special Mathematics and Engineering Issue, 1981-1983	Optics Signals processing
Intercept and Electromagnetics (U)	Gerson, Nathaniel C.	Vol. XX, No. 2, Spring 1975	Electricity Optics
Intercept of USSR Missile Transmissions (U)	Gerson, Nathaniel C.	Vol. IV, No. 3, July 1959	Electromagnetics Missile radiation
Intercept System Analysis (U)		Vol. XI, No. 2, Spring 1966	Communications Intercept
Interference and Intercept (U)	Gerson, Nathaniel C.	Vol. XVI, No. 1, Winter 1971	Intercept Noise
International or Cross-Country Depths (U)		Vol. I, No. 3, October 1956	Cryptanalysis
Introduction To APL, An (U)		Vol. XVI, No. 4, Fall 1971	Computers Cryptanalysis
Introduction to Computer Binary Arithmetic, An (U)		Vol. III, No. 2, April 1958	Computers Mathematics

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Introduction to Cryptology - I, An (U)	Friedman, William F.	Vol. IV, No. 4, October 1959	Cryptologic history
Introduction to Cryptology - II, An (U)	Friedman, William F.	April 1960	Cryptologic history
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Introduction to Cryptology - IV, An, (U)	Friedman, William F.	Winter 1961	Cryptologic history
Introduction to Cryptology - V, An, (U)	Friedman, William F.	Summer 1961	Cryptologic history
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Introduction to Diagnosis (U)		Vol. XIII, No. 3, Summer 1968	Cryptanalysis
Introduction to Electronic Phase-Lock Oscillators, An (U)		Vol. VIII, No. 2, Spring 1963	Phase-lock oscillators
Introduction to IBM Methods in Cryptanalysis, An (U)	Callimahos, Lambros D.	Vol. II, No. 3, July 1957	Cryptanalysis (b) (3)-P.L. 86-36
Introduction to Log-Linear Models in Cryptanalysis (U)		Vol. XXV, No. 2, Spring 1980	Computing Cryptanalysis
Introduction to Magnetic Tape Recording and Its Use in Intercept Activities, An (U)		Vol. I, No. 3, October 1956	Communications Recording
Introduction to Programming of a Digital Computer (U)		Vol. II, No. 3, July 1957	Computer programming
Introduction to Psycholinguistics, Paralinguistics, and Kinesics, An, (U)		Vol. XII, No. 2, Spring 1967	Communications
Introduction to Semiconductor Physics and Diode Theory (U)		Vol. II, No. 2, April 1957	Electronics

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Introduction to the Fast Fourier Transform, An (U)		Special Issue, January 1971	Computers Mathematics
Introduction to the Methods of Thin Film Analysis, An (U)		Summer 1961	Thin film analysis
Introduction to the Special Issue (U)		Special Fast Fourier Issue, August 1973	Mathematics
Introduction to Traffic Analysis (U)	Callimahos, Lambros D.	Vol. III, No. 2, April 1958	Traffic analysis
Introduction to "Hairpin" Registers (U)		Vol. XX, No. 1, Winter 1975	Cryptovariables
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Ionospheric Propagation (U)		Vol. III, No. 4, December 1958	Communications Ionosphere
"It Is Obvious That . . .": A Painless Approach to Cryptanalytic Diagnosis (U)		Vol. III, No. 2, April 1958	Codes Messages

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John Dee: Consultant to Queen Elizabeth I (U)		Vol. XII, No. 4, Fall 1967	Cryptologic history
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Key to the Extraterrestrial Messages (U)	Campaigne, Howard H.	Vol. XIV, No. 1, Winter 1969	Communications Extraterrestrial intelligence
Labeled Oriented Graphs Which are Onto (U)		Vol. X, No. 1, Winter 1965	Mathematics
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Language as a Bulk Commodity (U)		Vol. XX, No. 3, Summer 1975	Language
Language Files: A Basic COMINT Aid (U)	Salemme, Arthur J.	Vol. IV, No. 2, April 1959	COMINT Russian language
Language Levels and Cryptologic Jobs (U)	Tetrault, Emery W.	Vol. XVIII, No. 3, Summer 1973	Language Qualification standards
Language Problem at NSA, The (U)		Vol. I, No. 1, April 1956	Esperanto Language
Layman's Guide to the Mysteries of Linguistics, A (U)	Gurin, Jacob	Vol. XXIII, No. 1, Winter 1978	Language Linguistics
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Learning Machines (U)	Jacobs, Walter W.	Vol. III, No. 3, July 1958	Learning machines
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Library and the User, The (U)		Vol. XIII, No. 2, Spring 1968	Library Research
LIGHTNING (U)	Campaigne, Howard H.	Vol. IV, No. 3, July 1959	Computers
LIGHTNING Program, The (S)		Vol. VIII, No. 1, Winter 1963	Computers
Linear and Quadratic Electro-Optic Effects (Pockels and Kerr Effects) (U)		Vol. IX, No. 4, Fall 1964	Optics
Linear Approximation Attack on an Irregularly Stepping Key Generator, A (U)		Special Fast Fourier Issue, August 1973	Mathematics
Linear Approximations and the Degree of the Function (U)		Special Fast Fourier Issue, August 1973	Mathematics
Linear Approximations Using Continuous Functions (U)		Special Fast Fourier Issue, August 1973	Mathematics
Linearly Induced Nonlinear Cycles (U)		Vol. XXII, No. 4, Fall 1977	Mathematics
Linguistic Canonical Forms: Tools for Analytic Progress (U)		Vol. XIII, No. 1, Winter 1968 and Special Linguistics Issue, II	Communications Language
List of Properties of Bayes-Turing Factors, A (U)		Vol. X, No. 2, Spring 1965	Mathematics
Logarithmic Scoring and Preliminary Testing (U)		Vol. II, No. 1, January 1957	Cryptanalysis
Long and Short of Single Transpositions, The (U)		Vol. XXI, No. 2, Spring 1976	Cryptanalysis Mathematics

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Low Cost Process for Printed Circuits, A (U)		Vol. II, No. 1, January 1957	Circuits
Low Weight Linear Recursions in Key (U)		Vol. VIII, No. 1, Winter 1963	Mathematics
LVHF Propagation and Collection Techniques (U)		Vol. XVI, No. 4, Fall 1971	LVHF collection
Machine Translation (U)	Wild, Norman	Vol. XII, No. 2, Spring 1967	Machine translation
Machine-Aided Translation - Where Is It Today?(U)		Vol. XVIII, No. 2, Spring 1973 and Special Linguistics Issue, II	Machine translation
Magic Digraphs (U)		Vol. XII, No. 1, Winter 1967	Cryptanalysis
Magnetic Core Memories (U)		Vol. II, No. 1, January 1957	Computers Memory
Management of Magnetic Tape (U)		Vol. X, No. 4, Fall 1965	Tape management
Maps and the Conversion of Gauss-Krüger Grid Coordinates (U)		Vol. III, No. 1, January 1958	Mapping
Markov Chain - The Models with the Short Memories (U)		Vol. XVII, No. 1, Winter 1972	Mathematics
Markov Models for Phonetic Text (U)		Vol. XVIII, No. 1, Winter 1973	Communications Speech

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Mathematical Modeling of TEMPEST Channels (U)		Vol. XVI, No. 3, Summer 1971	Signals TEMPEST
Mathematics and Computers in Cryptanalysis (U)		Special Council of Learned Organization Issue, 1972	Computers Mathematics
Matric Recursions (U)		Vol. XXII, No. 3, Summer 1977	Mathematics
Matrix Business: Part II, This (U)		Vol. III, No. 3, July 1958	Mathematics
<div style="border: 1px solid black; height: 40px; width: 250px;"></div>		Vol. XXIV, No. 4, Fall 1979	Computers Encryption
Matter Transmission (U)		Vol. VIII, No. 1, Winter 1963	Cryptosecurity
Maximum Likelihood Estimation of a Trajectory and Its Variance (U)		Vol. XIII, No. 1, Winter 1968	Satellite trajectory
Maximum Likelihood Estimation of an Orbit (U)		Fall 1961	Celestial mechanics
Maya Astronomical Computer, The (U)		Vol. XXII, No. 1, Winter 1977	Astronomy Cryptologic history
"Maybe It's Related to the Phase of the Moon" (U)		Vol. XVII, No. 4, Fall 1972	<div style="border: 1px solid black; height: 15px; width: 150px;"></div> PRC
Measurement of Insecurity for Imperfect Erasure, A (U)		Vol. XXII, No. 1, Winter 1977	Degaussing Tape storage
Mechanical Translation (U)		Vol I, No. 1, April 1956	Translation

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Mechanization Systems and a New Look at Management and Organization (U)		Vol. VII, No. 2, Spring 1962	Management
Metalin: A Draft of a Metalanguage (U)		Vol. XI, No. 4, Fall 1966	Artificial language
Method of Recovery of Fibonacci Key, A (U)		Vol. I, No. 3, October 1956	Cryptanalysis
Mickle-Muckle Principle in Hagelin Cryptanalysis, The (U)		Vol. IX, No. 4, Fall 1964	Cryptanalysis Hagelin machine
MICROCOMPUTER: General-Purpose Signal Process, The (U)		Vol. XXII, No. 2, Spring 1977	Signal processing
Midway and Yamamoto: Properly Revisited (U)		Vol. XIII, No. 3, Summer 1968	Cryptologic history Midway
Minimizing Noise Effects in PCM (U)		Vol. II, No. 2, April 1957	Collection
Minimizing Wasted Space in Information Files (U)		Vol. XIV, No. 4, Fall 1969	File storage
Missile Trajectories (U)		Vol. II, No. 1, January 1957	Missile trajectory
Model 204 - The Analyst's Computer (U)		Vol. XXI, No. 3, Summer 1976	Analysis Computers
Modification of a Phantastron Generator, A (U)		Vol. IV, No. 4, October 1959	Circuits
Modified Normal Curves (U)		Spring 1961	Cryptanalysis Mathematics
Mokusatsu: One Word, Two Lessons (U)		Vol. XIII, No. 4, Fall 1968 and Special Linguistics Issue, II	Translation
MP-14: Unlimited Random Source (U)		Vol. XVII, No. 3, Summer 1972	Computers Cryptanalysis

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Multichannel Language Processing As a System (U)		Vol. XVII, No. 4, Fall 1972	Language processing
Multilingual Codes (U)		Vol. X, No. 4, Fall 1965	Codes Language
Multipath Differential Doppler Data (U)		Vol. XXI, No. 3, Summer 1976	Signals
Multiple Hypothesis Testing and the Bayes Factor (U)		Vol. XVI, No. 3, Summer 1971	Cryptomathematics
Narrow-Band Speech Security (U)		Vol. III, No. 4, December 1958 and Special Linguistics Issue	Cipher equipment Security
Need for System Approach, The (U)		Vol. VII, No. 2, Spring 1962	SIGINT (b) (3) OGA
Nest of Dragons, A: The Voice Problem (U)	Gurin, Jacob	Vol. XXI, No. 1, Winter 1976	Language Voice problem
Net Reconstruction - A Basic Step in Traffic Analysis (U)		Vol. III, No. 3, July 1958	Traffic analysis
New Approach to the One-Time Pad, A (U)		Vol. XIX, No. 3, Summer 1974	Ciphers One-time pads
New Concept in Computing, A (U)		Vol. III, No. 4, December 1958	Computing
New Mode of Operations in Junction Transistors, A (U)		Vol. II, No. 3, July 1957	Circuits
No, Not Again! (U)	Callimahos, Lambros D.	Vol. I, No. 1, April 1956	Ciphers

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Noisy Pluggings (U)		Vol. III, No. 2, April 1958	Noise
Note on a Solution of a Polyalphabetic Dinome System, A (U)		Vol. I, No. 3, October 1956	Ciphers
Note on Chinese Language Reform and NSA, A (U)	Wild, Norman	Vol. I, No. 2, July 1956	Chinese language
Note on Curve Fitting, A (U)		Vol. XIII, No. 4, Fall 1968	Mathematics
Note on Product Sequences, A (U)		Vol. XVI, No. 2, Spring 1971	Mathematics
Note on the English VCCCC Pattern or Maximum Post-Vocalic Consonant Clustering in Monosyllabic English Words, A (U)		Vol. XVII, No. 1, Winter 1972	Language identification
Note on Univariant Interpolation (U)		Vol. III, No. 4, December 1958	Interpolation
Note on "A Low Cost Process for Printed Circuits" (U)		Vol. II, No. 3, July 1957	Circuits
Note on "Logarithmic Scoring and Preliminary Testing" (U)		Vol. II, No. 4, October 1957	Mathematics
Notes on Chi-Square in Cryptanalysis (U)		Vol. II, No. 3, July 1957	Cryptanalysis
Notes on Missile Terminal Ballistics (Soviet) (U)		Vol. IX, No. 1, Winter 1964	Missile trajectory
Null Hypothesis, The (U)	Campaigne, Howard H.	Vol. I, No. 2, July 1956	Cryptology
Number of Components in a Random Linear Graph, The (U)		Vol. IV, No. 2, April 1959	Cryptanalysis
Offsets of Differences: Summation and Difference Methods (U)		Vol. II, No. 4, October 1957	Encipherment

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On an Algorithm for Approximate Polybit Scoring Using Fourier Transforms (U)		Special Fast Fourier Issue, August 1973	Mathematics
On Cipher (U)		January 1960	Ciphers
On Comparing Two Observed Frequency Counts (U)		Vol. III, No. 2, April 1958	Chi-squares
On Cryptanalysis and Redundancy (U)		Vol. IV, No. 3, July 1959	Cryptanalysis
On Key Analysis (U)	Callimahos, Lambros D.	Vol. XIX, No. 4, Fall 1974	Cryptanalysis
On Milking the Sacred Cow (U)		Vol. XVII, No. 2, Spring 1972	Collection
On Operatorless Computers (U)		Vol. I., No. 1, April 1956	Computers Storage
On Tests of Sequences (U)	Kullback, Solomon, and	Vol. VII, No. 1, Winter 1962	Cryptanalysis
On the Distribution of n -Digit Groups by the Sum of Their Digits (U)		Vol. I, No. 2, July 1956	Cryptography
On the Expected Number of Random Stops Corresponding to a Given Menu (U)		Vol. VIII, No. 1, Winter 1963	Cryptanalysis
On the Maximization of $X'AX$ over the Vertices of the Cube (U)		Vol. VIII, No. 1, Winter 1963	Cryptanalysis
On the Minimization of Integer Quadratic Forms over Nonzero Integer Vectors (U)		Vol. XXV, No. 1, Winter 1980	Mathematics
On the Selection of Cryptanalysts - Part II (U)		April 1960	Cryptanalytic personnel
On the Selection of Personnel for Cryptanalysis (U)		January 1960	Cryptanalytic personnel
On Understanding the Null Hypotheses of Test Statistics (U)		Vol. VIII, No. 4, Fall 1963	Mathematics

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One Model for an Artificial Ionosphere (U)		Vol. XI, No. 2, Spring 1966	Radio intercept
Operation Babel (U)		Vol. IV, No. 3, July 1959	Computers
Operation VANGUARD (U)		Vol. I, No. 2, July 1956	Communications Earth satellites
Operations Research in NSA (U)		Vol. X, No. 1, Winter 1965	Management Operations
Optical Data Processing - A Cryptanalytic Perspective (U)		Vol. XX, No. 3, Summer 1975	Cryptanalysis Data processing
Optical Fourier Transform and Periodic Phenomena (U)		Vol. XVIII, No. 3, Summer 1973	Mathematics
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Optical Receiver, The (U)		Vol. XIII, No. 2, Spring 1968	Optical receiver
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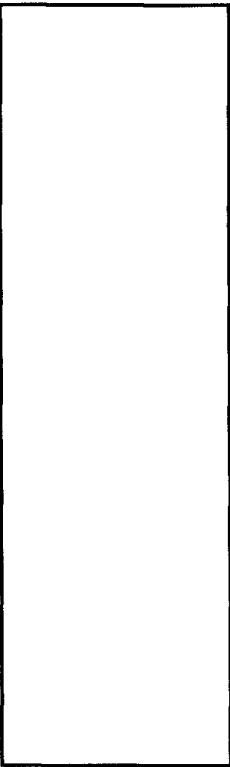
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	Number of Components in Random Linear Graph, The (U)	Vol. IV, No. 2, April 1959	Cryptanalysis
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	Rocheford's Cipher: A Discovery in Confederate Cryptography (U)	Vol. XVIII, No. 4, Fall 1973	Civil war Cryptologic history
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	COMSEC at R/D Sites (S)	Vol. VII, No. 4, Fall 1962	COMSEC
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	Intercept and Electromagnetics (U)	Vol. XX, No. 2, Spring 1975	Electricity Optics
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	Interference and Intercept (U)	Vol. XVI, No. 1, Winter 1971	Intercept Noise
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	Geodetic Latitude and Altitude from Geocentric Coordinates (U)	Vol. XX, No. 1, Winter 1975	Astrodynamics Mathematics
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	Spoken Russian: The Other Grammar (U)	Vol. XIV, No. 3, Summer 1969	Russian language
	Weather or Not - Encrypted? (U)	Vol. XII, No. 4, Fall 1967	COMSEC North Vietnam
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	Roughness of Visitations in a Markov Chain, The (U)	Vol. VIII, No. 2, Spring 1963	Mathematics
	Turing's Contributions to Cryptology (U)	Vol. VIII, No. 3, Summer 1963	Cryptology Mathematics
	COMINT Analysis and Reporting on the Developing Nations (U)	Vol. XVII, No. 2, Spring 1972	Analysis COMINT Reporting
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	Speaker Identification by Machine: Where Do We Stand? (U)	Vol. XIV, No. 4, Fall 1969	Speaker identification
	Translation of a Classic: A Matter of Ethics, The (U)	Vol. XI, No. 2, Spring 1966	Literature Translation
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	Electron Beam Recording for Wideband Analog Signals (U)	Vol. XIV, No. 3, Summer 1969	Recording Signals
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	Did Alexander Popov Invent Radio? (U)	January 1960	Radio
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	Combining Functions in Key Generators (U)	Spring 1961	Keys Shift registers
	LVHF Propagation and Collection Techniques (U)	Vol. XVI, No. 4, Fall 1971	LVHF collection
	On Milking the Sacred Cow (U)	Vol. XVII, No. 2, Spring 1972	Collection
	On an Algorithm for Approximate Polybit Scoring Using Fourier Transforms (U)	Special Fast Fourier Issue, August 1973	Mathematics
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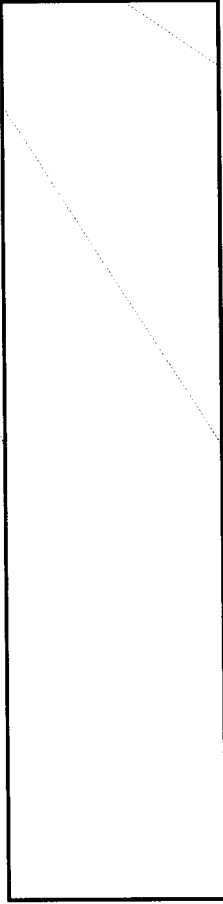


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	Learn with BOOK (U)	Vol. XI, No. 3, Summer 1966	Light reading
	Hybrid Circuits (U)	Vol. III, No. 1, January 1958	Circuits
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	Problem Solving with On-line Systems (U)	Special Council of Learned Organization Issue, 1972	On-line systems Problem solving
	Reliability and Checking in Computing Systems (U)	Vol. II, No. 4, October 1957	Computer diagnostics
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	Reading a Depth by Computer (U)	Vol. X, No. 2, Spring 1965	Computer programming
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	Cycles from Nonlinear Shift Registers (U)	Special Mathematics and Engineering Issue, 1981-1983	Shift registers
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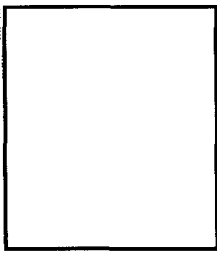
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	CY-600 View of Language, A (U)	Vol. XVIII, No. 3, Summer 1973	Language Linguists
	"False Friends" of the Translator in the English and Russian Languages: A Translation from the Russian of V. V. Akulenko (U)	Vol. XVI, No. 4, Fall 1971	Russian translation
Kullback, Solomon	Freedom in Translation (U)	Vol. XXI, No. 3, Summer 1976	Translation
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	Some Applications of Information Theory (U)	Vol. I, No. 1 April 1956	Information theory
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	ABC of Cifax, The (U)	Vol. I, No. 2, July 1956	Communications Facsimile Privacy
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	Optimum Use of Log Weights (U)	Vol. IX, No. 3, August 1964	Computers Plain text
	Solving a Playfair Cipher by Computer (U)	Vol. XIV, No. 4, Fall 1969	Computer cryptanalysis
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	Introduction to Log-Linear Models in Cryptanalysis (U)	Vol. XXV, No. 2, Spring 1980	Computing Cryptanalysis
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	Extending the Radio Horizon for Intercept Purposes by Using the Moon as a Reflector (U)	Vol. X, No. 2, Spring 1965	Intercept Signals
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	Linearly Induced Nonlinear Cycles (U)	Vol. XXII, No. 4, Fall 1977	Mathematics
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	Growing up with Computers at NSA (U)	Special Council of Learned Organization Issue, 1972	Computers
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	Compiler Object Code Optimization (U)	Vol. XVII, No. 1, Winter 1972	Compilers FORTRAN
	Program Complexity Measure, A (U)	Vol. XXI, No. 4, Fall 1976	Software engineering
	Thoughts about Systems and Program Design (U)	Vol. XVIII, No. 2, Spring 1973	Computer programming
	Collection of LINCOMPEX Signals (U)	Vol. XVII, No. 2, Spring 1972	Collection Signals
	Introduction to Log-Linear Models in Cryptanalysis (U)	Vol. XXV, No. 2, Spring 1980	Computing Cryptanalysis
	Recognition of Latin Square Equivalence Classes (U)	Vol. XVI, No. 3, Summer 1971	Cryptanalysis
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	Creation of an Artificial Ionosphere to Extend the Radio Horizon for Frequencies below 100 MC, The (U)	Vol. XI, No. 2, Spring 1966	Communications
	Factors Affecting Required Antenna Gain in VHF Intercept (U)	Vol I., No. 3, October 1956	Antenna gain VHF intercept
	Cranks, Nuts, and Screwballs (U)	Vol. XI, No. 1, Winter 1966	Security

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Author	Title	Reference	Keyword
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	Computers and Queues (U)	January 1960	Computers Queues
	Extreme Values in Cryptanalysis (U)	Vol. IV, No. 4, October 1959	Cryptanalysis
	How to Visualize a Matrix (U)	Vol. VIII, No. 3, Summer 1963	Mathematics
	Modified Normal Curves (U)	Spring 1961	Cryptanalysis Mathematics
	Convergence Techniques for Finding Linear Approximations (U)	Special Fast Fourier Issue, August 1973	Mathematics
	Collection Management (U)	Vol. XIV, No. 1, Winter 1969	Collection management
	Evaluating Intercept Systems (U)	Vol. IX, No. 4, Fall 1964	Signals
	Intercept System Analysis (U)	Vol. XI, No. 2, Spring 1966	Communications Intercept
	Receiving System Analysis (U)	Vol. X, No 1, Winter 1965	Receivers
Meyer, Joseph A.	Verified Intercept Predictions (U)	Vol. XII, No. 1, Winter 1967	Intercept
	"Word Spotter, A" (U)	Vol. IV, No. 4, October 1959	Computers
	Automatic Maintenance (U)	Vol. IX, No. 1, Winter 1964	Computers Maintenance
	Capture-Jamming of SIGINT Targets (U)	Vol. XII, No. 2, Spring 1967	Communications Cryptanalysis

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	Computers - The Wailing Wall (U)	Vol. I, No. 3, October 1956	Codes Cryptanalysis
	Der Fall WICHER: German Knowledge of Polish Success on ENIGMA (U)	Vol. XX, No. 2, Spring 1975	Cryptologic history ENIGMA
	Fallacy of the Systems Approach, The (U)	Vol. VII, No. 3, Summer 1962	Engineering
	PROBE DATA (U)	Vol. XI, No. 1, Winter 1966	SIGINT
	Room 40 Compromise, The (U)	Vol. XXV, No. 1, Winter 1980	Cryptologic history
	Security Architecture in SIGINT Collection and Processing (U)	Vol. XX, No. 1, Winter 1975	Collection Security
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	Simultaneous Error Insinuation in Electronic Cipher Machines (U)	Vol. XIV, No. 1, Winter 1969	Cipher machines
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	CAMINO (U)	Vol. XII, No. 3, Summer 1967	Computers Translation
	Language and the COMINT Production Process (U)	Vol. XIX, No. 3, Summer 1974	COMINT Language
	Language as a Bulk Commodity (U)	Vol. XX, No. 3, Summer 1975	Language
	Look at It This Way (U)	Vol. XVIII, No. 1, Winter 1973	Dictionaries Foreign languages

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	Design and Implementation of a Digital Demodulator for Use against On-Off Keyed Signals, The (U)	Vol. XXIII, No. 2, Spring 1978	Morse Signals
	Setwise Transitive Groups (U)	Vol. X, No. 2, Spring 1965	Mathematics
	Debugging Made Easier (U)	Vol. III, No. 4, December 1958	Computers Debugging
	Elements of Shift Register Cryptology (U)	Vol. XVI, No. 2, Spring 1971	Cryptology Mathematics
	Thermal Noise (U)	Vol. VII, No. 3, Summer 1962	Electricity
	Computerized Depth Reading (U)	Vol. XVII, No. 1, Winter 1972	Computers Cryptanalysis
	Processes for Random and Sequential Accessing in Dynamic Memories (U)	Vol. XXII, No. 4, Fall 1977	Dynamic memory Mathematics
	Generating Function Approach to GRETAG, A (U)	Vol. XXII, No. 1, Winter 1977	Mathematics
	Matric Recursions (U)	Vol. XXII, No. 3, Summer 1977	Mathematics
	Slow Look at Fast Transforms, A (U)	Special Fast Fourier Issue, August 1973	Mathematics
	High-Speed Automatic Scanning of Speech Bandwidth Channels (U)	Vol. XX, No. 4, Fall 1975	Speech scanning
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	Textual Criticism and NSA (U)	Vol. XIV, No. 3, Summer 1969	Editing
	"Trots" in Foreign Language Study (U)	Vol. II, No. 1, January 1957 and Special Linguistics Issue	Language aids
	Personal Contribution to the Bombe Story, A (U)	Vol. XX, No. 4, Fall 1975	Cryptologic history ENIGMA
	Maps and the Conversion of Gauss-Krüger Grid Coordinates (U)	Vol. III, No. 1, January 1958	Mapping
	Missile Trajectories (U)	Vol. II, No. 1, January 1957	Missile trajectory
	Note on Curve Fitting, A (U)	Vol. XIII, No. 4, Fall 1968	Mathematics
	Order Statistics for Cell Counts (U)	Vol. XXIII, No. 4, Fall 1978	Mathematics
	Cipher Signal Phase Modulation (U)	Vol. XIV, No. 2, Spring 1969	Ciphers Modulation
	Analysis of a Transistor Monostable Multivibrator (U)	Vol. IV, No. 3, July 1959	Circuits Transistors
	Computer Simulation of the Vulnerability of Frequency Hopping Communications Systems to a Follower Jammer (U)	Vol. XXV, No. 4, Fall 1980	Communications Frequency hopping Jamming

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	Markov Models for Phonetic Text (U)	Vol. XVIII, No. 1, Winter 1973	Communications Speech
	Graceful Degradation Through Distributed Intelligence (U)	Vol. XXIII, No. 3, Summer 1978	Computers
	Use of Special Identification Techniques (SIT) in the Solution of Specific SIGINT Problems, The (U)	Vol. XII, No. 4, Fall 1967	Signal identification
	Subnanosecond Instrumentation (U)	Vol. IX, No. 1, Winter 1964	Pulses
Nolte, William M.	Project TENNIS and External Influences on NSA Systems Development (U)	Vol. XXIII, No. 2, Spring 1978	
	Error in a Capacitor-Type Totalizer (U)	Vol. III, No. 4, December 1958	Pulses Waves
	Factors Affecting Required Antenna Gain in VHF Intercept (U)	Vol I., No.3, October 1956	Antenna gain VHF intercept
	Survey of the Status of the Voice Problem, A (U)	Vol. XII, No. 4, Fall 1967	Voice communications
	VIDEOFILE: A New Information Storage System (U)	Vol. XIII, No. 2, Spring 1968	Information storage Video
	Solution of Additive-Minuend Busts (U)	Vol. III, No. 1, January 1958	Cryptanalysis
	Information Theory and the Packing of Spheres (U)	Vol. IV, No. 2, April 1959	Information theory

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	Representation of Signals on Orthonormal Bases, The (U)	Vol. IX, No. 1, Winter 1964	Signals
	Tunnel Diode Characteristic Function Generator (U)	Vol. VIII, No. 1, Winter 1963	Computers
	Why Analog Computation? (U)	Vol. VII, No. 3, Summer 1962	Analog computers
	Weather: Its Role in Communications Intelligence (U)	Vol. III, No. 3, July 1958	Weather
	Philosophy of U.S. Cryptography and Cryptographic Usage, A (U)	Vol. XII, No. 3, Summer 1967	Cryptography
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	Recollections Concerning the Birth of One-Time Tape and Printing-Telegraph Machine Cryptography (U)	Vol. I, No. 2, July 1956	Cryptography
	Some Notes on Information Theory (U)	Vol. IV, No. 1, January 1959	Information theory
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	Some Recent Vocoder Studies at the National Security Agency (U)	Vol. XIII, No. 2, Spring 1968	Vocoders
	Note on a Solution of a Polyalphabetic Dinome System, A (U)	Vol. I, No. 3, October 1956	Ciphers
	Randomization Made to Order: "Random Numbers Are Too Important to be Left to Chance" (U)	Special Council of Learned Organization Issue, 1972	Cryptanalysis Randomization
	Introduction to Electronic Phase-Lock Oscillators, An (U)	Vol. VIII, No. 2, Spring 1963	Phase-lock oscillators
	Introduction to Programming of a Digital Computer (U)	Vol. II, No. 3, July 1957	Computer programming
	Cryptanalytic Use of High-Speed Digital Computing Machines (U)	Vol. IX, No. 3, August 1964	Computers Cryptanalysis

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	Number of Components in Random Linear Graph, The (U)	Vol. IV, No. 2, April 1959	Cryptanalysis
	Perpetuation of Bias in Shift Register Devices (U)	Vol. XIV, No. 4, Fall 1969	Shift registers
	Tetrahedral Plugging (U)	Vol. VIII, No. 2, Spring 1963	Ciphers Key
	RYE, an Extended Capacity Remote Access System (U)	Vol. IX, No. 2, May 1964	Computer programming
	Fundamentals of Majority Logic (U)	Vol. IV, No. 4, October 1959	Digital circuits Logic
	Ionospheric Propagation (U)	Vol. III, No. 4, December 1958	Communications Ionosphere
Phillips, Cecil	SIGINT Computer Processing in the 1980s (U)	Vol. XXII, No. 2, Spring 1977	Computer processing
	Digitizer Queuing Model for FROSTING (U)	Vol. XIV, No. 4, Fall 1969	Collection Queuing theory
	JACQUARD - A Yates Algorithm Machine (U)	Special Fast Fourier Issue, August 1973	JACQUARD machine Mathematics
	On Understanding the Null Hypotheses of Test Statistics (U)	Vol. VIII, No. 4, Fall 1963	Mathematics
	Spread Spectrum System Jamming Response (U)	Vol. XXII, No. 3, Summer 1977	Signals Spread spectrum
	Computer Graphics in an Engineering Simulation Program (U)	Vol. XVII, No. 2, Spring 1972	Computer programming

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	Experimental Approach to an Environment Study in the HF Band (U)	Vol. VIII, No. 4, Fall 1963	Collection Signals
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	Genesis of Mobile Magoo, The (U)	Vol. XX, No. 3, Summer 1975	Telemetry processing
		Vol. XXI, No. 1, Winter 1976	Cryptologic history
	Spacecraft Passenger Television from Laika to Gagarin (U)	Vol. XXI, No. 2, Spring 1976	Space flights
	Two New Language Models (U)	Vol. XXIV, No. 3, Summer 1979	Language modeling
	German Radio Intelligence (U)	Vol. XXV, No. 4, Fall 1980	Cryptologic history German COMINT
	Operation VANGUARD	Vol. I, No. 2, July 1956	Communications Earth satellites
	Linear Approximations and the Degree of the Function (U)	Special Fast Fourier Issue, August 1973	Mathematics
	Simulation of Cryptoprinciples (U)	Special Council of Learned Organization Issue, 1972	Communications security
	Analysis of Thin Film Germanium Epitaxially Deposited onto Calcium Fluoride (U)	Vol. VIII, No. 2, Spring 1963	Physics
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	Asian Communist Aircraft Location Systems (U)	Vol. XX, No. 1, Winter 1975	Aircraft tracking
	Conjugate Codebooks (U)	Vol. XXII, No. 3, Summer 1977	Cryptanalysis
	Boer War Cipher, A (U)	Vol. X, No. 3, Summer 1965 and Vol. X, No. 4, Fall 1965	Ciphers Cryptologic history
	SELLNOW - A Man-Machine Communication System for ELINT Data (U)	Vol. VIII, No. 4, Fall 1963	ELINT
	Theoretical Linguistics and Language Universals (U)	Vol. XXII, No. 2, Spring 1977	Linguistics
	How to Choose a Good Crib (U)	Vol. X, No. 4, Fall 1965	Cryptanalysis
	With Love (and Parentheses) from Peking (U)	Vol. XII, No. 1, Winter 1967	Chinese language Codes
	Time Coordination of SIGINT Sites (U)	Vol. XII, No. 2, Spring 1967	Intercept sites
	Notes on Missile Terminal Ballistics (Soviet) (U)	Vol. IX, No. 1, Winter 1964	Missile trajectory
	Language Problem at NSA, The (U)	Vol. I, No. 1, April 1956	Esperanto Language
	Metalin: A Draft of a Metalanguage (U)	Vol. XI, No. 4, Fall 1966	Artificial language
	Multilingual Codes (U)	Vol. X, No. 4, Fall 1965	Codes Language
	Worldwide Language Problems at NSA (U)	Vol. XIII, No. 4, Fall 1968	Language training

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	Product Sequences II (U)	Vol. XX, No. 4, Fall 1975	Mathematics
	How the Japanese Army Water Transport Code 2468 Was Broken (U)	Vol. XVIII, No. 4, Fall 1973	Cryptologic history Japan
	CATNIP: Computer Analysis - Target Networks Intercept Probability (U)	Vol. XVI, No. 1, Winter 1971	Collection Intercept
	Number of Components in Random Linear Graph, The (U)	Vol. IV, No. 2, April 1959	Cryptanalysis
	Optical Fourier Transform and Periodic Phenomena (U)	Vol. XVIII, No. 3, Summer 1973	Mathematics
	Anglicisms in Puerto Rico (U)	Vol. XVII, No. 1, Winter 1972	Spanish language
	Book Review: A History of NSA General-Purpose Electronic Digital Computers (C-SCQ)	Vol. IX, No. 2, May 1964	Book review Computers
	Low Cost Process for Printed Circuits, A (U)	Vol. II, No. 1, January 1957	Circuits
	On the Minimization of Integer Quadratic Forms over Nonzero Integer Vectors (U)	Vol. XXV, No. 1, Winter 1980	Mathematics
	Cooley-Tukey Fast Fourier Transform for Base 4 and Base 4 + 2 (U)	Vol. XVII, No. 4, Fall 1972	Mathematics
	Book Review: TRATADO DE CRIPTOGRAFIA (U)	Vol. XI, No. 2, Spring 1966	Book review Spanish cryptography
	Chaco: A Horrible Example (U)	Vol. XVIII, No. 3, Summer 1973	Translation errors

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	Spanish Languages, The (U)	Vol. XIII, No. 1, Winter 1968	Spanish language
	Note on Univariant Interpolation (U)	Vol. III, No. 4, December 1958	Interpolation
	[REDACTED] U//FOUO	Vol. XX, No. 2, Spring 1975	Collection
	Scheduling Function in a Time-Sharing Environment, The (U)	Vol. XVI, No. 2, Spring 1971	Computer systems
	Attack on Blair-Huffman Encipherments, An (U)	Spring 1961	Ciphers [REDACTED]
	Don't Be Too Smart (U)	January 1960	Codes Japanese military
	Method of Recovery of Fibonacci Key, A (U)	Vol. I, No. 3, October 1956	Cryptanalysis
	John Dee: Consultant to Queen Elizabeth I (U)	Vol. XII, No. 4, Fall 1967	Cryptologic history
	Borders of Cryptology, The (U)	Vol. IV, No. 4, October 1959	Cryptology Electronic warfare
Salemme, Arthur J.	Special Purpose Cryptanalytic Computers: State of the Art (U)	Vol. XXIII, No. 1, Winter 1978	Computers
	Are the Russians Gaining Wordwise? (U)	Spring 1961	Russian language
	Computer, There is Thy Sting! (U)	Vol. XVI, No. 4, Fall 1971	Computers Russian Translation
	Language Files: A Basic COMINT Aid (U)	Vol. IV, No. 2 April 1959	COMINT Russian language
	Few Tricks of the Trade for the Translator of Russian, A (U)	Vol. XI, No. 4, Fall 1966	Russian language Translation

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	Some Problems in the Field of Machine Translation or the Case of the Volatile Mouses (U)	Fall 1960	Machine translation
	Tour of Some Russian Translation Traps, A (U)	Vol. XIV, No. 4, Fall 1969	Russian Translation
	Use of the B-Coefficient in Information Retrieval, The (U)	Vol. XIII, No. 4, Fall 1968	Information retrieval
	On the Maximization of X'AX over the Vertices of the Cube (U)	Vol. VIII, No. 1, Winter 1963	Cryptanalysis
	Midway and Yamamoto: Properly Revisited (U)	Vol. XIII, No. 3, Summer 1968	Cryptologic history Midway
	Parabolic "Mock" Design for an FFT - Implemented Filter Scheme (U)	Special Issue, January 1971	Filters
	Database Services (U)	Vol. XII, No. 1, Winter 1967	Databases Soviet
	APT System, The (U)	Vol. XXIII, No. 3, Summer 1978	Computers Data processing
	Growing up with Computers at NSA (U)	Special Council of Learned Organization Issue, 1972	Computers
Schierlmann, Charles J.	Wandering Wheel, The (An Introduction to [REDACTED]) (U) (U//FOUO)	Vol. XIII, No. 1, Winter 1968	Cipher machines
[REDACTED]	Cold-Cathode Counter Tube Study, A (U)	Vol. III, No. 4, December 1958	Cathode Pulses
	PPM Telemetry Simulator (U)	Fall 1960	[REDACTED] telemetry
	Computer Scripting (U)	Vol. XXIV, No. 1, Winter 1979	Computers Language Working aids

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	Parity as an Operation Checking Code (U)	Vol. VIII, No. 3, Summer 1963	Mathematics
	Substantive Analysis (U)	Vol. IV, No. 2, April 1959	Analysis
	MP-14: Unlimited Random Source (U)	Vol. XVII, No. 3, Summer 1972	Computers Cryptanalysis
	German Tires and Black Cats: Estimation of Population Size (U)	Vol. XIX, No. 3, Summer 1974	Cryptanalysis
	Conjugate Codebooks (U)	Vol. XXII, No. 3, Summer 1977	Cryptanalysis Substitution
	Convolutions, Cube Roots, and Computer Cryptography (U)	Vol. XVIII, No. 3, Summer 1973	Computers Cryptography
	Introduction to the Special Issue (U)	Special Fast Fourier Issue, August 1973	Mathematics
	Linear Approximation Attack on an Irregularly Stepping Key Generator, A (U)	Special Fast Fourier Issue, August 1973	Mathematics
	Strength of the Bayes Score, The (U)	Vol. XVII, No. 1, Winter 1972	Mathematics
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	Determining Intercept Assignments (U)	Vol. XII, No. 2, Spring 1967	Intercept
	Management of Magnetic Tape (U)	Vol. X, No. 4, Fall 1965	Tape management
	Minimizing Wasted Space in Information Files (U)	Vol. XIV, No. 4, Fall 1969	File storage
	Need for System Approach, The (U)	Vol. VII, No. 2, Spring 1962	SIGINT
	Operations Research in NSA (U)	Vol. X, No. 1, Winter 1965	Management Operations
	Representing Data in Computers (U)	Vol. III, No. 1, January 1958	Data representation
	Six Characteristics of Information Handling Systems (U)	Vol. XIV, No. 3, Summer 1969	Information systems
	Cryptologist: Can He Exist?, The (U)	Vol. II, No. 3, July 1957	Cryptologists
	Curiosa Scriptorum Sericorum: To Write But Not to Communicate (U)	Vol. XVI, No. 3, Summer 1971	Communications Writing
	What Is Good Traffic Analysis? (U)	Vol. XXIV, No. 4, Fall 1979	Traffic analysis
	Developments in the Automatic Acquisition and Translation of Hand-Keyed Morse Code (U)	Vol. XXIV, No. 1, Winter 1979	Communications Morse code
	Conjugate Codebooks (U)	Vol. XXII, No. 3, Summer 1977	Cryptanalysis Substitution
	Emergency Destruction of Documents (U)	Vol. I, No. 1, April 1956	Document destruction

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	Designing Secure Reliable Software - A Methodology (U)	Vol. XXI, No. 4, Fall 1976	Computer security Software
	International or Cross-Country Depths (U)	Vol. I, No. 3, October 1956	Cryptanalysis
Snyder, Samuel S.	Abstract Groups Defined by Generating Operators (U)	April 1960	Groups Operators
	Soviet Science and Technology: Present Levels and Future Prospects (U)	Vol. IV, No. 1, January 1959	Science and technology Soviet
	Potential of Tropospheric Ducting as a Collection Technique, The (U)	Vol. XX, No. 1, Winter 1975	Collection
	CXCO Story, The (U)	Vol. XVI, No. 4, Fall 1971	Cryptanalysis Cryptologic history
	SPECOL: A New AND, OR, NOT Language for Use with Computers (U)	Vol. XII, No. 1, Winter 1967	Computer language
	Ambiguity Reduction by Markov Analysis of TEMPEST Signals (U)	Vol. XVI, No. 1, Winter 1971	Signals TEMPEST
	Mathematical Modeling of TEMPEST Channels (U)	Vol. XVI, No. 3, Summer 1971	Signals TEMPEST
	Tail Probabilities for the Binomial Distribution (U)	Vol. VIII, No. 3, Summer 1963	Mathematics
	ABNER: The ASA Computer Part 1: Design (U)	Vol. XXV, No. 2, Spring 1980	Computers Cryptologic history
	ABNER: The ASA Computer Part 2: Fabrication, Operation, and Impact (U)	Vol. XXV, No. 3, Summer 1980	Computers Cryptologic history
	Earliest Applications of the Computer at NSA (U)	Vol. XVIII, No. 1, Winter 1973	Computers

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	Growing up with Computers at NSA (U)	Special Council of Learned Organization Issue, 1972	Computers
	Offsets of Differences: Summation and Difference Methods (U)	Vol. II, No. 4, October 1957	Encipherment
	Development of High Speed Automatic Morse Translators, The (U)	Vol. I, No. 1, April 1956	Morse translators
	Analytic Computer Technique for Anagramming Columnar Transposition (U)	Vol. VIII, No. 2, Spring 1963	Cipher Computer
	Simple Test for Slide or Kick, A (U)	Vol. VIII, No. 4, Fall 1963	Mathematics
	Computer-Aided Bookbreaking of Two-Part Codes (U)	Vol. XVII, No. 2, Spring 1972	Bookbreaking Computers
	Computers and Linguists Do Mix (U)	Vol. XVI, No. 3, Summer 1971	Computers Linguists
	Frame versus Corpus (U)	Vol. XVII, No. 1, Winter 1972	Bookbreaking Computers
	Redundancy Exploitation in the Computer Solution of Double-Crostics (U)	Vol. VII, No. 2, Spring 1962	Computers
	Repagination? (U)	Vol. XVIII, No. 4, Fall 1973	Bookbreaking Computers
	Under-Developed Languages, Under-Utilized Computers (U)	Vol. XX, No. 1, Winter 1975	Computers Language
	Will the Real 53 Stand Up? (U)	Vol. XIX, No. 1, Winter 1974	Cryptanalysis

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		Vol. XXIV, No. 3, Summer 1979	Cryptanalysis Key generators
	Noisy Pluggings (U)	Vol. III, No. 2, April 1958	Noise
	Some Formulas concerning Bulges of Combining Functions (U)	Special Fast Fourier Issue, August 1973	Mathematics
		Vol. XXIV, No. 2, Spring 1979	Cryptosystem identification
	Information Theory Applied to Computer Data Compression (U)	Vol. XXIII, No. 4, Fall 1978 and Special Mathematics and Engineering Issue, 1981- 1983	Computers Data compression (b) (1) (b) (3) -18 USC 798 (b) (3) -P.L. 86-36
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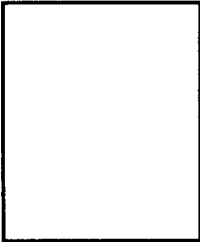
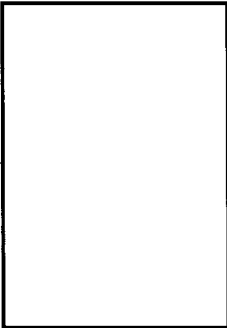
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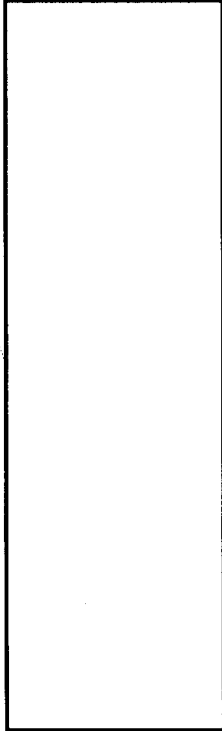
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	Layman's Guide to the Mysteries of Linguistics, A (U)	Gurin, Jacob	Vol. XXIII, No. 1, Winter 1978
	Linguistic Canonical Forms: Tools for Analytic Progress (U)		Vol. XIII, No. 1, Winter 1968 and Special Linguistics Issue II
	Multilingual Codes (U)		Vol. X, No. 4, Fall 1965
	Nest of Dragons, A: The Voice Problem (U)	Gurin, Jacob	Vol. XXI, No. 1, Winter 1976
	Under-Developed Languages, Under-Utilized Computers (U)		Vol. XX, No. 1, Winter 1975
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Language Acquisition	Investigations into Adult Language Learning/Acquisitions (U)		Vol. XXIV, No. 3, Summer 1979
Language Aids	"Trots" in Foreign Language Study (U)		Vol. II, No. 1, January 1957 and Special Linguistics Issue
Language Dictionaries	Problems of Meaning in Interlingual Dictionaries (U)		Vol. III, No. 1, January 1958
Language Identification	Note on the English VCCCC Pattern or Maximum Post-Vocalic Consonant Clustering in Monosyllabic English Words, A (U)		Vol. XVII, No. 1, Winter 1972
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	Multichannel Language Processing as a System (U)		Vol. XVII, No. 4, Fall 1972
Language Proficiency	Contextual Testing in Establishing Minimum Working Level Language Proficiency (U)		Vol. XXV, No. 1, Winter 1980
Language Training	Worldwide Language Problems at NSA (U)		Vol. XIII, No. 4, Fall 1968
Latin Squares	Computer Generation of Unrelated Latin Squares (U)		Vol. X, No. 3, Summer 1965
Learning Machines	Learning Machines (U)	Jacobs, Walter W.	Vol. III, No. 3, July 1958
	Learning Machines - Part II (U)	Jacobs, W. W.	Vol. IV, No. 2, April 1959
Library	Library and the User, The (U)		Vol. XIII, No. 2, Spring 1968
Light Reading	Learn with BOOK (U)		Vol. XI, No. 3, Summer 1966
Linear Prediction	Error Formula for Iterative Prefiltering Frequency Estimates, An (U)		Vol. XXII, No. 3, Summer 1977
Linear Recursions	Intuitive Exposition of Zierler's Method for Finding Linear Recursions, An (U)	Gurin, Jacob	Vol. XIII, No. 1, Winter 1968
Linguistics	Layman's Guide to the Mysteries of Linguistics, A (U)		Vol. XXIII, No. 1, Winter 1978
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Logic	Fundamentals of Majority Logic (U)		Vol. IV, No. 4, October 1959
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LVHF Collection	"Food for Thought" in LVHF Reception (U)		Vol. XX, No. 4, Fall 1975
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Machine Language	TEMAC (Text Macro Compiler): A Machine Language for Processing Text (U)	D'Imperio, Mary	Vol. X, No. 3, Summer 1965 and Computer and Information Science Issue
Machine Translation	Machine-Aided Translation - Where Is It Today?(U)		Vol. XVIII, No. 2, Spring 1973 and Special Linguistics Issue, II
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Management	Mechanization Systems and a New Look at Management and Organization (U)		Vol. VII, No. 2, Spring 1962
	Operations Research in NSA (U)		Vol. X, No. 1, Winter 1965
Manual Morse	Computer Transcription of Manual Morse (U)		Vol. III, No. 3, July 1958
Mapping	ALRIGHT - A Map Overlay Generator (U)		Vol. XI, No. 2, Spring 1966
	Maps and the Conversion of Gauss-Krüger Grid Coordinates (U)		Vol. III, No. 1, January 1958
	Transverse Mercator Projection, The (U)		Vol. XXIV, No. 4, Fall 1979
Mathematicians	Some of My Best Friends Are Mathematicians (U)	Lewis, Frank W.	Vol. IV, No. 2, April 1959
Mathematics	Application of Fourier Transforms to Combiners (U)		Special Fast Fourier Transform Issue, August 1973
	Approximations to the Distribution Function of Sums of Independent Identically Distributed Random Variables (U)		Vol. X, No. 2, Spring 1965
	Art of Automatic Bearing Instrumentation, The (U)		Vol. XVIII, No. 4, Fall 1973
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	<i>Book Review: "How to Estimate Probabilities," (Journal of the Institute of Mathematics and its Application) (U)</i>	Campaigne, Howard H.	Vol. XII, No. 2, Spring 1967
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	Classes of Rotors without Parallels (U)		Vol. X, No. 4, Fall 1965
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	Continued Fractions and Mills' Algorithm (U)		Vol. XXV, No. 3, Summer 1980
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	Cosymmetric Approximations to Combining Functions (U)		Vol. XVI, No. 4, Fall 1971
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	Euclidean Algorithm and Distances between Wheel Settings, The (U)		Vol. VIII, No. 1, Winter 1963
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	In General the Iteration Converges (U) (U//FOUO)		Vol. XII, No. 1, Winter 1967
	Introduction to Computer Binary Arithmetic, An (U)		Vol. III, No. 2, April 1958
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	Labeled Oriented Graphs Which Are Onto (U)		Vol. X, No. 1, Winter 1965
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	Linear Approximation Attack on an Irregularly Stepping Key Generator, A (U)		Special Fast Fourier Issue, August 1973
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	Linearly Induced Nonlinear Cycles (U)		Vol. XXII, No. 4, Fall 1977
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	Long and Short of Single Transpositions, The (U)		Vol. XXI, No. 2, Spring 1976
	Low Weight Linear Recursions in Key (U)		Vol. VIII, No. 1, Winter 1963
	Product Sequences II (U)		Vol. XX, No. 4, Fall 1975
	Markov Chain - The Models with the Short Memories (U)		Vol. XVII, No. 1, Winter 1972
	Mathematics and Computers in Cryptanalysis (U)		Special Council of Learned Organization Issue, 1972
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	Matrix Business: Part II, This (U)		Vol. III, No. 3, July 1958
	Modified Normal Curves (U)		Spring 1961
	Note on Curve Fitting, A (U)		Vol. XIII, No. 4, Fall 1968
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	On the Minimization of Integer Quadratic Forms over Nonzero Integer Vectors (U)		Vol. XXV, No. 1, Winter 1980
	On Understanding the Null Hypotheses of Test Statistics (U)		Vol. VIII, No. 4, Fall 1963
	Optical Fourier Transform and Periodic Phenomena (U)		Vol. XVIII, No. 3, Summer 1973
	Order Statistics for Cell Counts (U)		Vol. XXIII, No. 4, Fall 1978
	Parity as an Operation Checking Code (U)		Vol. VIII, No. 3, Summer 1963
	Processes for Random and Sequential Accessing in Dynamic Memories (U)		Vol. XXII, No. 4, Fall 1977
	Random and Algebraic Coverings of Binary Vectors (U)		Vol. XXIII, No. 3, Summer 1978 and Special Mathematics and Engineering Issue, 1981-1983
	Remarks concerning Substantialization (U)		Vol. IX, No. 4, Fall 1964
	Roughness of Visitations in a Markov Chain, The (U)		Vol. VIII, No. 2, Spring 1963

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	Sequential Least Squares Estimates (U)		Vol. XII, No. 2, Spring 1967
	Setwise Transitive Groups (U)		Vol. X, No. 2, Spring 1965
	Simple Test for Slide or Kick, A (U)		Vol. VIII, No. 4, Fall 1963
	Slow Look at Fast Transforms, A (U)		Special Fast Fourier Issue, August 1973
	Some Formulas concerning Bulges of Combining Functions (U)		Special Fast Fourier Issue, August 1973
	Some Properties of Sample Bulges (U)		Special Fast Fourier Issue, August 1973
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	Strategy for Program Decomposition for a Distributed Pipeline, A (U)		Vol. XXII, No. 4, Fall 1977
	Strength of the Bayes Score, The (U)		Vol. XVII, No. 1, Winter 1972
	Survey of Bent Functions, A (U)		Special Fast Fourier Issue, August 1973
	Survey of Multinomial Estimation for Code Weighting, A (U)		Vol. XX, No. 3, Summer 1975
	Symmetric Approximations to Boolean Functions (U)		Vol. XIX, No. 3, Summer 1974
	Tail Probabilities for the Binomial Distribution (U)		Vol. VIII, No. 3, Summer 1963

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	Variable-Length Output String A (U) (U//FOUO)		Vol. XXI, No. 4, Fall 1976
	Variance of the Number of Ones in a Derived Stream of Zeros and Ones (U)		Vol. XII, No. 2, Spring 1967
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	Magnetic Core Memories (U)		Vol. II, No. 1, January 1957
Messages	"It Is Obvious That . . .": A Painless Approach to Cryptanalytic Diagnosis (U)	Lewis, F. W.	Vol. III, No. 2, April 1958
Midway	Midway and Yamamoto: Properly Revisited (U)		Vol. XIII, No. 3, Summer 1968
Military	Book Review: Military Cryptanalytics, Part II (U)	Campaigne, Howard H.	Vol. IV, No. 4, October 1959

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Military Linguists	Employment of Military Linguists (U)	Gurin, Jacob	Vol. XIII, No. 4, Fall 1968 and Special Linguistics Issue, II
Missile Radiation	Intercept of USSR Missile Transmissions (U)	Gerson, Nathaniel C.	Vol. IV, No. 3, July 1959
Missile Trajectory	Missile Trajectories (U)		Vol. II, No. 1, January 1957
	Notes on Missile Terminal Ballistics (Soviet) (U)		Vol. IX, No. 1, Winter 1964
Modems	Wireline Modem with Harmonic Distortion Equalization, A (U)		Vol. XXV, No. 2, Spring 1980 and Special Mathematics and Engineering Issue, 1981-1983
Modulation	Cipher Signal Phase Modulation (U)		Vol. XIV, No. 2, Spring 1969
<div></div> Satellites	Target in Space, A (U)		Special Council of Learned Organization Issue, 1972
Monoalphabetic Substitution	De Profundis; or the ABC of Depth Reading (U)	Callimahos, Lambros D.	Vol. II, No. 1, January 1957
Morse	Design and Implementation of a Digital Demodulator for Use against On-Off Keyed Signals, The (U)		Vol. XXIII, No. 2, Spring 1978

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Networking	Community Impacts on NSA Systems (U)		Vol. XXIII, No. 3, Summer 1978
Noise	Interference and Intercept (U)	Gerson, Nathaniel C.	Vol. XVI, No. 1, Winter 1971
	Noisy Pluggings (U)		Vol. III, No. 2, April 1958
North Vietnam	Weather or Not - Encrypted? (U)		Vol. XII, No. 4, Fall 1967
NSA	About NSA (U)		Vol. IV, No. 1, January 1959
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Oceanography	SIGINT Implications of Military Oceanography (U)	Meyer, Joseph A.	Vol. XII, No. 4, Fall 1967
On-Line Processing	CRISPI (U)		Vol. X, No. 1, Winter 1965
On-Line Systems	Problem Solving with On-line Systems (U)		Special Council of Learned Organization Issue, 1972
One-Time Pads	New Approach to the One-Time Pad, A (U)		Vol. XIX, No. 3, Summer 1974
Operating Systems	Privacy and Protection in Operating Systems (U)		Vol. XVIII, No. 2, Spring 1973
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Orbits	Determination of Missile and Earth Satellite Trajectories from Radar Observations (U)		April 1960
Patents	Patent Matters and the Technical Employee (U)		Vol. X, No. 3, Summer 1965
Pattern Recognition	Introduction to Statistical Pattern Recognition (U)		Vol. XXII, No. 3, Summer 1977 and Special Mathematics and Engineering Issue, 1981-1983
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	Polar Ionosphere, The (U)	Gerson, Nathaniel C.	Summer 1961
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Plain Text	Analysis of Digital Plaintext Autokey Systems, The (U)	Callimahos, Lambros D.	Vol. XIV, No. 2, Spring 1969
	Distribution of Letters in Short Messages of English, The (U)	Howard H. Campaigne	Vol. XIV, No. 2, Spring 1969
	Optimum Use of Log Weights (U)		Vol. IX, No. 3, August 1964
Planes	IFF: A New Branch of Cryptology (U)		Vol. II, No. 4, October 1957
PRC	"Maybe It's Related to the Phase of the Moon" (U)		Vol. XVII, No. 4, Fall 1972
Privacy	ABC of Cifax, The (U)		Vol. I, No. 2, July 1956
	Privacy and Protection in Operating Systems (U)		Vol. XVIII, No. 2, Spring 1973
Probability	Entropy of German, The (U)		Vol. I, No. 2, July 1956
	Distribution of the Maximum Bulge in a Flat Random Binary Stream, The (U)		Vol. VII, No. 4, Fall 1962
Probability Theory	Book Review: Modern Probability Theory and Its Applications (U)		Fall 1960

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Problem Solving	Problem Solving with On-line Systems (U)		Special Council of Learned Organization Issue, 1972
Processing	ABC of Ciphony, The (U)		Vol. I, No. 2, July 1956 and Special Linguistics Issue
Programming	FUZZY: An Evolutionary Model for Data Structures (U)		Vol. XXIV, No. 3, Summer 1979
	Programming Concepts for Verification and Security (U)		Vol. XXII, No. 4, Fall 1977
	Application of [redacted] to the Voynich Manuscript, An (U) TOP SECRET	D'Imperio, Mary	Vol. XXIV, No. 2, Spring 1979
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Pulses	Cold-Cathode Counter Tube Study, A (U)		Vol. III, No. 4, December 1958
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	Subnanosecond Instrumentation (U)		Vol. IX, No. 1, Winter 1964
PURPLE Machine	Solution of the Japanese "PURPLE" Machine, The (U)	Friedman, William F.	Vol. XIX, No. 1, Winter 1974

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Queues	Computers and Queues (U)		January 1960
Queuing Theory	Application of Queuing Theory to Computer Systems, An (U)		Vol. XIV, No. 2, Spring 1969
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Radio	Did Alexander Popov Invent Radio? (U)		January 1960
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Radio Waves	Antipodal Propagation (U)		Vol. IV, No. 1, January 1959
Randomization	Randomization Made to Order: "Random Numbers Are Too Important to be Left to Chance" (U)		Special Council of Learned Organization Issue, 1972
Random Variables	Approximation of Central Limits		Vol. IV, No. 4, October 1959
Receivers	Receiving System Analysis (U)		Vol. X, No. 1, Winter 1965
Reciprocal Alphabets	Reciprocal Alphabets and Friedman Squares (U)	Kullback, Solomon	Vol. III, No. 1, January 1958
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Research	Library and the User, The (U)		Vol. XIII, No. 2, Spring 1968
	Research at NSA (U)	Campaigne, Howard H.	Vol. XIII, No. 2, Spring 1968
Rocket Motion	Rocket Motion and Newton's Second Law (U)		Fall 1960
Rosetta Stone	Rosetta Stone and Its Decipherment, The (U)	Callimahos, Lambros D.	Vol. XVI, No. 1, Winter 1971
Russian	Can We Lick the Voice Problem? (U)		Vol. XVII, No. 3, Summer 1972
	Computer, There Is Thy Sting! (U)	Salemme, Arthur J.	Vol. XVI, No. 4, Fall 1971
	Tour of Some Russian Translation Traps, A (U)	Salemme, Arthur J.	Vol. XIV, No. 4, Fall 1969
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Russian Navy Codes	Russian Diamond, A (U)		Vol. XII, No. 2, Spring 1967
Telemetry	PPM Telemetry Simulator (U)		Fall 1960
Russian Translation	"False Friends" of the Translator in the English and Russian Languages: A Translation from the Russian of V. V. Akulenko (U)		Vol. XVI, No. 4, Fall 1971
Russian Transliteration	Handle With Care: Russian Transliteration (U)	Salemme, Arthur J.	Vol. XII, No. 4, Fall 1967
Sampling	Random Walks with Restraining Barrier as Applied to the Biased Binary Counter (U)		Vol. III, No. 2, April 1958
Satellite Tracking	Times of Shadow Passage for Earth Satellites (U)		Vol. VIII, No. 3, Summer 1963
Satellite Trajectory	Maximum Likelihood Estimation of a Trajectory and Its Variance (U)		Vol. XIII, No. 1, Winter 1968
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