A Complete Bibliography of Publications in *Communications of the ACM*: 1958–1959

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Title word cross-reference

N [Mul59, Coo59, HW59].

-Dimensional [Coo59, HW59, Mul59].

1 [MP59]. **15** [Hum59]. **1957** [Ano59a, Ano59b]. **1959** [Hum59].

2 [Ano60, Coo59, SWT+58b, Tra60a]. **220** [CJM59].

650 [CJM59, Ham59a, Ham59b, KH58].

704 [Gru58]. **709** [Hor59].

Abstracts [NS59b]. **Accelerating** [Weg58]. **ACM** [Tra60a, Ano60]. **Address** [Sch59, Hum59]. **Aegerter** [Tra60a]. **Algebraic** [BCKT59, Gre59a, Kan59, PS58, Voo58, Knu59]. **ALGOL** [BGSW59, DHPS59, Gre59b, IA59]. **Algorithm** [Sel58, Wol58]. **Alpha** [Wer59a, Wer59b]. **Analysis** [Car59a]. **Analyzing** [Wol58]. **Announcement** [Per58]. **Applicability** [Li59]. **Applications** [Fik59, MW58, NS59a, And59, Ano59a, HBR59]. **Approximations** [Wad58]. **Arithmetic** [Car59a, EV59, Ers58, She59b]. **Assimilator** [Gsc59]. **August** [Tra60a]. **Automatic** [AS58, Bem59a, Dij59, KVJ58, LC59, MW58, SC59, She59b, Wil58, Ano59a, Ano59b].

before [Hum59]. **Bendix** [Hum59]. **Bessel**

[RR58]. **Binary** [Buc59, EV59, Hal58, Kau58, KH58, Li59, MSR60, Tar59]. **Binary-Search** [Hal58]. **Bounds** [RR58]. **Burroughs** [CJM59]. **Business** [Fik59, And59, Ano59a, Ano59b, HBR59].

Calculating [Bem58b]. **Calculational** [Sch59]. **Calculator** [KH58]. **Card** [Bem59c]. **center** [Tak59]. **Centers** [CPRS59]. **Central** [Bla59]. **Central-European** [Bla59]. **Changing** [SWT+58b, SWT+58a]. **Characteristic** [Wou59]. **Characters** [Bem59c]. **Chart** [FCC+59, Bri59]. **Charting** [Gan59]. **Check** [Sis58]. **Checklist** [Bem59b]. **Choice** [Buc59, MSR60]. **Code** [Bem59c, Gru58, NS59a]. **Code-Nundrums** [Gru58]. **codes** [NS59b]. **Coding** [AS58, She59b]. **coefficients** [LM59]. **Comm** [Tra60a]. **Command** [Kau58]. **Comment** [Tra60a]. **Comments** [Tra60b]. **Committee** [DHPS59, BGSW59]. **Communication** [Dij59, SWT+58b, SWT+58a]. **Communications** [Ano60]. **Compiler** [Hor59, She59b]. **Compilers** [Car59b]. **Computation** [Bem58a, Sar59, Tra60b, Wil58, CPRS59]. **Computer** [Dij59, EV59, Kau58, Li59, MP59, MW58, Nad59, SC59, Weg59, Hum59, Knu59, Tak59, Van58]. **Computers** [Bla59, Fei59, LC59, Mul58, Sug58, ZA59]. **Computing** [Hol59, SC59, HBR59]. **Conception** [Li59]. **conference** [Hum59]. **Considerations** [CLMS59]. **Constraints** [Wer59a, Wer59b]. **Construction** [Aeg59, AG59, GIC59, Tra60a]. **control** [Ano59a, Ano59b]. **Convergence** [Weg58]. **Conversion** [Tar59]. **Corps** [LC59]. **Corrigendum** [Ano60, Wer59b]. **Counter** [KH58]. **Critical** [SC59]. **Curve** [Fik59, Gib58, How59, Les59].

D [Ano60]. **Data** [Fei59, Gsc59, Ano59a, Ano59b]. **December** [Ano59a, Ano59b]. **Decimal** [Buc59, Kau58, MSR60, Sis58, Tar59]. **Department** [MW58]. **Design** [Li59]. **designed** [Van58]. **Development** [LC59, Ano59a, Ano59b]. **developments** [Hum59]. **Diagrams** [Li59, Voo58]. **Differential** [Pow59]. **Digital** [LC59, MP59, Sug58]. **Dimensional** [Coo59, HW59, Les59, Mul59]. **Discretely** [EV59]. **Distributed** [Coo59, HW59]. **Division** [Gil59, Sar59, Tra60b].

Eastern [Nad59]. **Editor** [McC59, BBB59, BAP+59, CBC58, Car58, CKV58, Gal59, Per59a, Per59b, Sti58, VH58, WC58, Gor58, MSR60]. **Educational** [Hol59]. **Efficient** [Coo59, HW59]. **Elements** [MP59]. **Elimination** [Pow59]. **Empirical** [RR58]. **Engineers** [BCKT59]. **Equations** [Pow59, Wol59, LM59]. **Equivalence** [Ian58b]. **Error** [CR58, Car59a]. **Estimation** [Cho59, CR58]. **Europe** [Nad59]. **European** [Bla59]. **exchange** [Hum59]. **Extended** [Sch59]. **Extensions** [DHPS59]. **Extract** [Kau58]. **Extraction** [Sug58].

Facility [Hal58]. **Feasibility** [CLMS59]. **Feasible** [Bag59]. **Federal** [Ano59a, Ano59b]. **Ferrite** [MP59]. **Fields** [Fei59]. **find** [LM59]. **Fingers** [Buc59, MSR60]. **Fists** [Buc59, MSR60]. **Fitting** [Gib58, How59, Les59]. **Fixed** [Tar59]. **flexibility** [Van58]. **Flexible** [SC59]. **Floating** [Car59a]. **Flow** [FCC+59, Gan59, Voo58, Bri59]. **Flowcharts** [GIC59]. **Formulas** [Weg59]. **Formulation** [Voo58]. **FORTRAN** [She59b]. **Fraction** [Tar59]. **Function** [Kau58, Wol58]. **Functions** [Pow59, RR58].

G [Hum59]. **G-15** [Hum59]. **GAT** [AG59]. **General** [Hol58, MP59]. **Generalized**

[Bem59c]. **Generating** [Coo59, HW59, Mul59, RR58]. **Government** [Ano59a, Ano59b]. **Greenwald** [Ano60].

Handling [Ano60, Gre59c, Wil59]. **High** [And59, She59a]. **High-Speed** [And59, She59a].

IBM [CJM59, Gru58, Ham59a, Ham59b, Hor59, KH58, She59b]. **Identifiers** [Wil59]. **II** [Ano59a, Ham59b]. **III** [Ano59b]. **Impact** [Hum59]. **Implementation** [MW58]. **Improved** [Sis58]. **Indexing** [NS59a]. **input** [Van58]. **Inspection** [Mul58]. **Instructions** [Ano60, Gre59c]. **integrals** [HBR59]. **Intelligence** [Bem59b]. **Internal** [Wil59]. **International** [Gre59a, PS58]. **Interpretation** [IA59]. **Irwin** [Ano60]. **Iterative** [How59, Weg58].

J [Tra60a]. **J.E.I.D.A** [Tak59].

keyboard [Van58, Van58]. **Kutta** [CR58].

Language [BCKT59, Weg59, Wil59, Gre59a, PS58]. **Least** [Les59]. **Least-Squares** [Les59]. **LEM** [MP59]. **LEM-1** [MP59]. **Length** [EV59]. **Letter** [BAP+59, Gor58, McC59]. **Letters** [BBB59, CBC58, Car58, CKV58, Gal59, MSR60, Per59a, Per59b, Sti58, VH58, WC58]. **limited** [Knu59]. **Lincoln** [Van58]. **Linear** [Wer59a, Wer59b, LM59]. **List** [Car59b]. **List-Type** [Car59b]. **Logarithms** [Bem58b]. **Logic** [Li59, MW58]. **Logical** [Wol58]. **Logistic** [How59].

M. [Tra60a]. **Machine** [Bem58a, Gil59, Sch59]. **Machines** [SWT+58b, SWT+58a]. **Macro** [Ano60, Gre59c]. **Magnetic** [MP59]. **management** [Ano59a, Ano59b]. **Manipulation** [Gre59b]. **Mathematical** [Gil59]. **Matrices** [Aeg59, Tra60a]. **Matrix** [Hor59, Ian58a]. **Mechanism** [Sch59]. **Memories** [Car59b]. **Method** [Bem58a, Bem58b, Coo59, HW59, How59, Mul59, Sar59, Tra60b, Wol59, Jee58]. **Methods** [Cor58]. **Micro** [GIC59]. **Micro-Flowcharts** [GIC59]. **Models** [Cho59]. **modification** [Jee58]. **Modifications** [Gre59a]. **Multi** [Les59]. **Multi-Dimensional** [Les59]. **Multiprogramming** [CLMS59].

Need [Sel58]. **Network** [CJM59]. **Newton** [Jee58]. **No** [Ano60, Coo59]. **Nonlinear** [Cho59, Wol59]. **NORC** [And59]. **Note** [Mul59, RR58]. **Notes** [Nad59]. **Nov** [Ano60]. **nuclear** [NS59b]. **Nundrums** [Gru58].

Octal [Li59]. **Operations** [Ers58, Kau58, BAP+59]. **Oracle** [Fik59]. **Oriented** [Weg59]. **Outlining** [Gan59].

Paper [Coo59, Tra60a, Tra60b]. **Parameter** [Cho59]. **Part** [SWT+58a, Ham59a, Ham59b, SWT+58b]. **Plotter** [Fik59]. **Point** [Car59a]. **Points** [Coo59, HW59, Mul59]. **Polynomial** [Les59, LM59]. **Possible** [Gre59a]. **Practical** [Wou59]. **Precision** [Tar59]. **Preliminary** [PS58]. **Previous** [Tra60a]. **Printer** [And59]. **Problem** [SWT+58b, SWT+58a]. **Problems** [Wou59]. **Procedure** [Gil59, She59a]. **Procedures** [Mul58, CR58]. **Processes** [Weg58]. **Processing** [Fei59, Ano59a, Ano59b]. **Processors** [Wil59]. **Produce** [Wol58]. **Program** [Hol59, Ian58b, Ian58a]. **Programmed** [KH58]. **Programming** [Bag59, Bem59b, Ers58, Hol58, LC59, Sch59, SWT+58b, Bem59a, KVJ58, SWT+58a]. **Programs** [Cor58, Ham59a, Ham59b]. **progress** [Ano59a, Ano59b]. **Proposal** [Bag59, Bem59c, Con58]. **Proposed** [Bri59,

FCC+59, IA59, SWT+58b, SWT+58a]. **Purpose** [Hol58, MP59].

Queue [CJM59].

radiation [HBR59]. **reactor** [NS59b]. **Real** [Gsc59]. **Recommendations** [BGSW59]. **Recursive** [Car59b, Gib58]. **Redundancy** [Sis58]. **Register** [NS59a]. **Related** [Fei59]. **Remarks** [Coo59, Gre59b, Wou59]. **Repeated** [Sug58]. **Report** [DHPS59, PS58]. **Representation** [Buc59, MSR60]. **Request** [Cor58]. **Research** [LC59, Nad59, BAP+59]. **Role** [Fei59]. **Root** [Bem58a, Wad58]. **Roots** [Sar59, Sug58, Tra60b]. **Rotational** [SC59]. **routine** [LM59]. **RUNCIBLE** [Knu59]. **Runge** [CR58]. **Russian** [ZA59].

SALE [BCKT59]. **Schemes** [Ian58b, Ian58a]. **Scientific** [And59, Ano59a, Fik59, HBR59]. **Search** [Hal58]. **Secant** [Jee58, Wol59]. **September** [Hum59]. **Serial** [EV59]. **Set** [Aeg59, Tra60a]. **Shafts** [SC59]. **SHARE** [BGSW59]. **Shift** [NS59a]. **Shift-Register** [NS59a]. **Signal** [LC59]. **Simple** [AS58, Cho59, BCKT59]. **Simulator** [CJM59]. **Simultaneous** [Wol59, LM59]. **Size** [MP59]. **Small** [MP59]. **Solution** [SWT+58b, Wou59, LM59, SWT+58a]. **Some** [Nad59]. **Sorting** [She59a]. **Soviet** [CPRS59]. **Special** [Pow59]. **Speed** [And59, She59a]. **Speeds** [SC59]. **Sphere** [Coo59, HW59]. **Spheres** [Mul59]. **Square** [Bem58a, Sar59, Tra60b, Wad58]. **Square-Root** [Bem58a, Wad58]. **Squares** [Les59]. **Standard** [FCC+59, Bri59]. **Standards** [Bri59]. **Statements** [Wol58]. **Statistical** [Ham59a, Ham59b]. **STRETCH** [CLMS59]. **Sub** [DHPS59]. **Sub-Committee** [DHPS59]. **Subroutine** [Bem58b]. **Subscripting** [Car59b]. **Substitute** [Gan59]. **Subtractions** [Sug58]. **Surface** [Coo59, HW59]. **Survey** [Ano59b, Ano59a]. **Symbol** [Gre59b]. **Symbols** [FCC+59, Wil59, Bri59]. **System** [Bag59, Wer59a, Wer59b, She59b]. **Systems** [AS58, Bem59b, Hol58, Ano59a, Ano59b, Bem59a, KVJ58].

Table [Wol58]. **Tables** [Hal58, Wil58]. **Tape** [Hor59]. **Technique** [Ano60, Gib58, Gre59c, SC59]. **Test** [Aeg59, Tra60a]. **Their** [Li59]. **Time** [Gsc59]. **Transformation** [Ian58b, Wer59a, Wer59b]. **translation** [Knu59]. **Translator** [Kan59, She59b]. **Translators** [AG59]. **trend** [Ano59a, Ano59b]. **Truth** [Kau58, Wol58]. **Truth-Function** [Kau58]. **Two** [Wad58]. **Type** [Car59b, KH58]. **typewriter** [Van58].

U.S. [ZA59]. **UNCOL** [Con58]. **Uniformly** [Coo59, HW59, Mul59]. **Union** [CPRS59]. **University** [Fei59]. **Unusual** [MW58]. **Use** [Mul58, Ano59a, Ano59b]. **users** [Hum59]. **Using** [MP59, Sar59, Tra60b].

Value [Wou59]. **Variable** [EV59, Hal58]. **Variable-Width** [Hal58]. **Vector** [Wer59a, Wer59b]. **Visit** [CPRS59, ZA59].

Width [Hal58]. **Without** [Sar59, Tra60b]. **Word** [EV59].

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