

# A Bibliography of Publications by, and about, Niklaus Wirth

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## Abstract

This bibliography records publications of Niklaus Wirth.

[Wal89]. **0-387-9642** [Mee87].  
**0-471-87834-0** [Ano87c]. **0-632-01609-4**

[Bow88]. **07** [Kel21, Wir07e, Wir18].

**1** [Dub85, Wal89, WW66b]. **1/3** [Lüt21]. **10**  
[GLN76, Nag76]. **10514-1**  
[ISO96, PS96, SP96]. **10514-2** [ISO98a].  
**10514-3** [ISO98b]. **11'**  
[Hay80, BD76, Fei74, Hit79, Mah80, Mat80].  
**11/45** [Fei74]. **1100** [Bal76]. **146** [Wir64b].  
**15.95/\$27.95** [Wal89]. **16BST** [Dun84]. **17**  
[Ano86c]. **1900** [WQ72]. **1973** [GLL74].  
**1983** [Ame83, Eur85]. **1988** [ISO88]. **1990**  
[AC90, ISO90a, ISO90b]. **1996** [ISO96].  
**1998** [ISO98a, ISO98b].

**2** [And85, And86, And89, AK92, Ano86b,  
Ano86c, Ano86d, Ano86a, Ano87a, Ano87b,  
Ano88, Wir90g, Pfi04, AJ90, Bai88a, Bai88b,  
Bat91, BJ86, BG88, BHJM86, Bie85, Bis91,

## Title word cross-reference

+ [Wir76d]. **\$100M** [BOB<sup>+</sup>00]. **\$9.80**  
[Atk79a]. = [Wir76d]. **N** [Wir65g]. **N ≤ 8**  
[Gol87]. **SU(3)** [Kae95].

\* [Bie85].

**-2** [Dub85]. **-3** [Dub85]. **-dienste** [War03].

. [Bis81].

**0** [FH15, SR15, Wal89]. **0-13-021999-1**

Bla89, Bon87, Bös92, Bös93, BB91, BH86, Bru86a, Bru86b, Bru87a, Bru87b, Bud85, BDW88, BOB<sup>+00</sup>, Car85, Cas91, Chr86, CLL<sup>+86</sup>, CMM87, Col84, Cor88, Cra85, CI85, Det93, DNR90, DO85, Dot90, DSD97, Dun84, EBP93, Fel86a, Fel86b, Fel86c, Fel88, Floxx, For88, Fos86, GAK86a, GAK86b, GH93, Gol86, Gol87, GN87, GC88, Gut84, Gut86, Gut87, Har90, HS84, Hem88, Hir83, HH95a, HH95b, Hop80, ISO96, ISO98a, ISO98b, JPPM96a, JPPM96b, JPPM96c, JM84, Jor89a, Jor89b, Kel21, Kin89, KC90, Kin91, Kir95, KT90, Kof88a, Kof88b, Kre89]. **2** [KP97a, LG87, Lad89, Lea87, Lee85, LS87, Li88, Lo85, Lou90, MPT86, MS87, MS84, MS99a, Mof84, Moh89, MFMN89, Mös95a, Mös91, MW91b, MW91a, Mös93a, Mös93b, Mös93c, MW93, Mös95b, Mös95c, Mös98, MS99b, MLKK97a, MLKK97b, Mul84, Mul24, Nan89, Nie88, Nig93, Nik97, Ode89, Ohr84, Pad90, Pas85, PT92, Pir19, Pom85, Por88a, Por88c, Pou90, Pow84a, Pow84b, Pow84c, Pro92, PS96, PSSW97, Cre90a, Reh87, Rib90, RL01, Rov86, RD85, RD86, Sal92, SIRB16, Sav87, Sch88, Sch86, SH89, SP96, Sch89b, Sch89c, ST86, Sew87, Sew84a, Sew84b, Sew88, Sha86a, Sha86b, Sha87, SW86, Sou90, Spe82, Spe83, SW87, SG82, SM95, Tag88, Tem95, Ter86, Tho92a, Tho92b, Tor87a, WA86, Wie84, WS84, WS85, Wie86, Wir78a, Wir80b, Wir82]. **2** [Wir83c, Wir84a, Wir85c, Wir85b, Wir86a, Wir88c, Wir90a, Wir94b, Wir96c, Wir04b, Wir07c, Wir14, WF84, Woo86, Woo93, Woo94, WJ92a, WJ92b, Ano86c, Käs83, Mee87, Ano86b, Ano87c, Bow88]. **2.25** [Atk83]. **2/86** [Ano86e]. **2/MUPE** [MPT86]. **2003** [BS03]. **22.50** [Rob82]. **24** [Ano88, Wir65b]. **249** [Wir65g]. **26** [Ano86a]. **265** [Wir65d]. **28/29** [BD01]. **2nd** [Wir76b]. **3** [Aba94, Ano94, Bös92, Bös93, CDJ<sup>+89</sup>, CDG<sup>+92</sup>, ER92, Fer95a, Fer95b, FH98, Fre95, GW77, Gut94, Har90, Har92, Har94, HN91, HKMN93, Jor90a, Jor90b, Kin93, Kom98, LN98, Lev88, Mar94, Mas98, Nel91, RS95, Sed93, Vix92, Wya94]. **3.4** [Wir74c]. **3.50** [Bis79a]. **30** [Web67]. **30.11.201** [Wir14]. **360** [Fou75, Mal71, Mal72, RS76]. **360/370** [Fou75]. **370** [Fou75]. **3D** [MTT83]. **4.95** [Atk79b]. **41** [Ran87a]. **45** [Ano87a, Fei74]. **46** [Ano86d]. **4A** [Nou05]. **5** [Bar77]. **5-50** [Bar77]. **5.25** [Ros74]. **50** [Bar77]. **52** [Ano86b]. **55** [Ano87b]. **6** [Des73]. **6.95** [Bis84]. **60** [HW66, Wir64a, Wir65f]. **6000** [Lid76, Wir72e, Wir74c]. **6000-3.4** [Wir74c]. **60th** [Ano93]. **7.50** [Bis79b]. **7185** [AC90, Eur85]. **7185-1982** [ISO82]. **7185-1983** [Eur85]. **7185-1990** [AC90]. **770.X3.97** [AC90]. **770.X3.97-1983** [AC90]. **770X3.97** [Ame83]. **770X3.97-1983** [Ame83]. **7th** [LS06]. **80th** [Mar14]. **86** [Ano86e]. **8651-2** [ISO88]. **'88** [Gia89]. **9.70** [Edw77]. **90** [MHT96, Mös95a]. **'97** [Mos97]. **99/4A** [Nou05]. = [Edw77]. **A.** [LD74, Wir65a]. **AB21.3** [Krá66]. **Abstract** [Bon87, EO80, GN87, KT90, Lea87, Sav87, SW87, Tor87b, Wie86]. **Abstraction** [BDW88, Moh89, RLN03, Sal79a, WA86, GH93]. **abstractions** [DNR90]. **Access** [Tag88]. **accumulator** [CRT80]. **Achievements** [GALW12]. **ACM** [Ash87]. **acquiring** [Ano80, Jos79, Jos80]. **Action** [BBS97]. **Action-based** [BBS97]. **Active** [DR97, Gut97]. **Activity** [Sal92].

**Ada** [Ano86b, Ano86c, Ano86d, Ano86a, Ano87a, Ano87b, Ano88, Gre86, Bie85, Col84, BBG<sup>+</sup>81l, BK87, Eva84, Fel86a, FG84a, For88, Kin93, Sch86, SH89, ST86, SMB83, Wic84, WS84]. **Adaptive** [Sch01]. **Addenda** [HW74]. **Adding** [Kna97, LS94]. **Addison** [Bis79b]. **Addison-Wesley** [Bis79b]. **Additional** [Wir66a]. **Additions** [SP96]. **address** [CRT80]. **Addyman** [Bis79a]. **ADTs** [LS87]. **advanced** [Bai88a, Bai88b]. **Again** [Bon87, KPUG93, Mal72, Sal79b]. **against** [Tor87b, Wie86]. **aged** [Daw24]. **aid** [Bud85]. **AIDA** [CC87]. **Air** [DP85]. **Akademgorodok** [BBZ01, BBP96]. **ALDES** [Kre89]. **ALDES/SAC** [Kre89]. **ALDES/SAC-2** [Kre89]. **Algebra** [KP97a, Kre89]. **Algebraic** [Zam96, Gia89]. **algebras** [Ran86, Ran87a, RWZ87, Ran87b]. **ALGEC** [Wir67e]. **ALGOL** [WH66b, WW66a, BBG68, BW71, HW66, S<sup>+</sup>67, Wir63a, Wir64a, WH65, WW65, Wir65f, Wir66a, WH66a, WW66b, WW66c, Wir68a, Wir68c, BBG<sup>+</sup>69, Sit72, Wal86, Wir63b]. **ALGOL-like** [BW71]. **Algorithm** [Wir64b, Wir65d, Wir65g]. **Algorithmen** [Wir75e, Wir83a, Wir86a, Wir95b, Wir96c, Wir99a]. **Algorithms** [Sed93, SDK06, Wir76d, Wir84d, Wir84e, Wir86b, Wir89a, Wir04a, Wir75e, Wir83a, Wir86a, Wir95b, Wir96c, Wir99a, Wir92, Edw77, Wal89]. **Algoritmos** [Wir89a, Wir92]. **Alias** [MHT96]. **Allow** [Hei03]. **Alone** [FF00]. **AlphaAXP** [DG96]. **Alternative** [AK92, DO85, DSD97, Wir96f, Ano86b, CW82]. **always** [Lüt21]. **Ambiguities** [Spe82, Tor87a, WSH77]. **ambiguity** [Par85]. **American** [AI83, IEE83, Led84]. **among** [Sou90]. **Analysis** [OW83, SFIK80, WC81, BWA82, CL82, Coo89, CG94, MHT96]. **Analysis/Synthesis** [WC81]. **Andra** [GW84]. **Andrei** [BBZ01, BBP96]. **Anniversary** [Mar14]. **annotations** [Led84]. **Anomaly** [CC87]. **ANSA** [ER92]. **ANSI** [AI83, AC90, Ame83, Ten85]. **ANSI/IEEE** [AI83, AC90, Ame83]. **ANSI/ISO** [AC90]. **Anwendung** [War03]. **APL** [JF87, JF87]. **APL2** [JF87, JF87]. **Application** [DP85, KS80, Szy92b]. **Applications** [Mil89, MS99a, MS99b, Szy92b]. **Applied** [Amm74]. **Approach** [EBP93, Gut86, LS87, Li88, Ode89, Sch00a, Ano87c]. **Approaches** [WS85]. **Approximation** [CBG01]. **Architect** [Ros24]. **Architecture** [Wir10c, Wir15b, Wir17a]. **Architectures** [Ano93, Wir86c, Wir87c, Wir87d, Wir87e, Wir87f]. **Area** [Tag88]. **Arithmetic** [Dot90]. **Arm** [KS84, Wir07d, Wir07f, Wir08g]. **Array** [LS79]. **Arrays** [Wir76a]. **Art** [Por88a, Sev12, Bös00, Mös00]. **Article** [Ano86b, Ano86c, Ano86d, Ano86a, Ano87a, Ano87b, Ano88]. **Aspects** [Mil89, NPJ79, PS96]. **Assembler** [GW78]. **Assemblers** [DS86]. **Assembly** [BW71, GW77, Ano86a]. **assess** [JF87, Wir76c, Wir84f]. **Assessing** [FG84a]. **Assessment** [CGHP79, Wir75f, Wir75g, Wir10a, Wir75a, Wir84b]. **Association** [Sof84, USE85]. **assorted** [Pou90]. **Atkinson** [Bis82]. **attribute** [KV15]. **Aug** [EN74]. **August** [Ano86a, BS76, BS03]. **Austria** [BS03, Mos97]. **Author** [Wir78c]. **authors** [Wir67a]. **Automata** [BMW91]. **Automatic** [FW65a, FW65b, Mar75]. **avoids** [JM84]. **Award** [Ash87]. **Axiomatic** [HW72, HW73, HW74, Wir70b, Hoa74]. **B** [Ano88, Bis84, Ree84]. **B1800** [Hur84]. **Baby** [Aba94]. **Back** [BBG<sup>+</sup>81a]. **Backward** [Shr79b, Shr79a]. **Barrett** [Bis81]. **Base** [ISO96, Dis93]. **Based** [AP84, ER92, LG87, MTT81, Rad94, Wir79c, Wir86c, BBS97, BS84, JF87, Mar79, KE85]. **BASIC** [JF87, Wir69a, Wir67b, JF87, Sha87]. **basis** [Ran87b]. **Batch** [Bri01a]. **battle** [Gut00a].

- Bauer** [SBE<sup>+</sup>99, SBE<sup>+</sup>99]. **BC** [HLW63].  
**Be** [Coh91, Wir91a, Wir91c, PS94]. **Beauty** [FvGGM90]. **Behaviour** [Hur80].  
**benchmark** [Dun84]. **Benefits** [Cas91, Com83]. **Benutzerhandbuch** [JWM91]. **Bericht** [Wir76e]. **Berlin** [Atk79a]. **Berücksichtigung** [JWM91].  
**between** [IH71, MHT96, Mö91, MW91b, Mul84, Wir08d]. **Beurteilung** [JF87].  
**Beyond** [Ano91, RW92]. **binaries** [FK97].  
**Binary** [Gri90]. **bindings** [ISO88].  
**Biography** [Tyl24]. **Birthday** [FvGGM90, Ano93]. **Bit** [And85, DG98].  
**Blackwell** [Bow88]. **block** [Bri94a].  
**block-structured** [Bri94a]. **Blocks** [Shr78].  
**Board** [WL93]. **boards** [Pou90]. **Bonn** [BD01]. **Book** [Abr74, Ano79, Ano87c, Atk79a, Atk79b, Atk82b, Atk83, Bar77, Bis79a, Bis79b, Bis81, Bis82, Bis84, Bow88, Cyt97, Edw77, Fin77, Mee87, Ree84, Rob82, Ros74, Wal89, Käs83, KPUG93]. **Bookshelf** [Mas98]. **Bootstrap** [GLN76]. **both** [Szy92a]. **Bound** [Wal86]. **Bowles** [Atk79a].  
**Brief** [Wir08b, Wir08c]. **BSD** [War03].  
**Build** [Rov86]. **Building** [Kom98, Ree00].  
**Business** [FvGGM90, Wag00].
- C** [Ano86b, Bar77, Fin77, Rob82, SBE<sup>+</sup>99, AK92, Anoxxa, DO85, DSD97, Eva84, FG82a, FG84a, FG84b, HH95a, HH95b, Lad89, LP83, Mat84, Mö95a, SM95, Tem95].  
**C.** [SBE<sup>+</sup>99]. **calculate** [Ran86, Ran87a].  
**Call** [Ano93]. **Calls** [Bri02a]. **Cambridge** [Bis81, Bis84, Fin77]. **Can** [Coh91, Wir77k, Wir91a, Wir91c, PS94].  
**canonical** [Ran87b]. **Case** [CBG01, DS86, Gut00b, Hop80, Kof88a, Kof88b, Ree00, Sal81, Ano80, Ano86a, Atk82a, Jos79, Jos80, LF82, HM82].  
**Case-Study** [Ree00]. **CC** [MFMN89].  
**CC-Modula** [MFMN89]. **CCNPASCAL** [NPJ79]. **CDC** [Lid76, Wir72e]. **Ceres** [HN91, Wir90b]. **Ceres-3** [HN91].  
**Ceres-Net** [Wir90b]. **certain** [Wir67b].
- Certification** [Wir64b]. **Challenges** [GALW12, Sha87]. **champion** [VN24].  
**Changes** [SP96, Wir72a]. **Characters** [Wir73a]. **Charts** [Mar14]. **checker** [LN98].  
**Checks** [Wel78]. **Chichester** [Bis82, Ree84, Rob82]. **Children** [Fou91].  
**CHILL** [SMB83]. **chip** [BOB<sup>+</sup>00].  
**Christian** [Mee87]. **Ciechanowicz** [Ree84].  
**Circles** [Wir90e]. **Circuit** [WL93, Wir95a, Wir96a]. **Circuits** [Wir98d, Wir05d, Wir98c]. **City** [Sof84].  
**Clarifications** [SP96, SM79]. **Class** [Lev88, SOM94]. **classes** [Szy92a]. **Classic** [Bri01a]. **Clean** [CH79, KT90]. **Clebsch** [Kae95]. **Cleverbyte** [Wir76c, Wir77a].  
**Cliffs** [Abr74, Edw77, Ros74]. **Closing** [Wir68a]. **closure** [Dij00]. **cloth** [Bis81].  
**cluster** [Ebe00]. **cm.** [Abr74]. **co** [Wir03b].  
**co-design** [Wir03b]. **Code** [Amm76, Amm77, Dot90, Fra94b, Lid76, Sch89a, Wir72e, Wir86c, NAJN81, VN24, Alp79, GW77, GW78, Hit79, Lou90, Sch89a].  
**Code-Generation** [Fra94b]. **Coding** [Wir69b, Wir70a]. **coefficients** [Kae95].  
**Collection** [Wir79a, EMR91]. **Colloquium** [Wir68a]. **COM** [Gut99, Gut00b].  
**Combining** [Bud85, DR97]. **come** [Pou91].  
**Comm** [Ran87a]. **Command** [DS84].  
**Comment** [Wir76a]. **Comments** [Gre86, Hab73, LD75, S<sup>+</sup>67, Wir65a, vD89, Hab84, Jos80, LD84, Wir65c, vdLN65].  
**communication** [Szy90]. **Companion** [FH98]. **company** [BOB<sup>+</sup>00]. **Comparing** [Col84, FG84a, Kel21, Lad89]. **Comparison** [BdJ76, BdJ80, Bös92, Bös93, FG82a, Mö95a, Nel79, Wir86c, Eva84, FG84b, Mat84, Ten85, Wic84, Dot90].  
**Comparisons** [Liu86]. **Compatibility** [Ten78]. **Compiladores** [Wir90c].  
**Compilation** [BBG<sup>+</sup>81k, Fos86, Gut86, Gut87, HM82, PT92, Wir98d, Wir98c, Wir07f]. **Compiler** [Amm74, Amm76, Amm77, Ber78, BD76, CMH85, CRT80, Cre90b, Cre91, Dot90],

Fos86, Fou75, Fra94a, GLN76, Gut87, Gut00a, Hit79, Kir95, Lou90, Mah80, Mös00, Mul24, NAJN74, NAJN76, NAJN81, Pow84a, Pow84b, Ree84, RS76, SFIK80, Som06, WQ72, Wir69a, Wir71a, Wir75d, Wir86c, WG92, Wir96d, Wir96e, Wir05a, Wir07d, Wir07e, Wir08f, Wir11, Wir17b, WJ92a, WJ92b, Amm75, BB91, Des73, Geo74, GM00, MS83, Cre90a, VS15, WC83, Wir77f, Wir84c, Rob82, Cyt97]. **Compilerbau** [Wir77f, Wir84c]. **Compilerbaus** [Wir96e, Wir08f, Wir11]. **Compilers** [Amm75, Pro92, Sha86a, WC81, And84, Por88a, Wir90c]. **completeness** [CD84]. **complex** [Sch00b]. **Complexity** [Wir08e]. **component** [Pou95, Pfi04, Ano06a, Ano06b, Pfi01]. **Components** [Gut00b, Szy00]. **Composable** [Hof00]. **Composition** [Wec98, Wir74a]. **Compositional** [VS15]. **Compression** [BMW91]. **Comput** [Ran87a]. **computation** [Gia89]. **computations** [Shi92]. **Computer** [Ano24a, AP84, BW71, Bis79b, Daw24, DS84, Gru24, Gut87, Haá82, ISO82, Kor24, LM24, MS87, Sev12, Wir68c, Wir69b, Wir70a, Wir72e, Wir79c, Wir79d, Wir81a, Wir85a, Wir90b, Wir95a, Wir98b, Wir07a, Wir08a, Wir10a, Wir10b, AI83, Eur85, IAJ83, IEE83, Kre89, PMR00, Rei84, SBE<sup>+99</sup>, Wir81b, Wir87b, Wir91b, Wir98a, Wir99b, Wir00b, ISO88]. **Computers** [Bal76, Fou75, WQ72, Wir65e, Wir66c, Wir67d, Wir68b, Wir68d, Wir15a, Wir08a]. **Computing** [BST89, Bri96f, Bri02d, GLL74, Tyl24, Wir02a, Wir02b, Wir15a]. **Concept** [Rad94, Sew84a]. **Concepts** [Gut85, Wir67b]. **Concerns** [CLL<sup>+86</sup>, Gol85, Mof84, SS85]. **Concurrency** [BK87, LS94, BBS97]. **Concurrent** [Bri77, Bri02a, Bru87a, Bru87b, DS86, Gol86, Lee85, MFMN89, NPJ79, NW78, SH89, Sch89c, WJ92a, WJ92b, Hay80, Mat80, Bri75a, Bri75b, Bri75c, Bri76a, Bri93, Bri96a, Bri96b, Bri96c, Bri96e, Bri01b, Bri02b, Bri02c, BK87, CGHP79, DSW82, GKLM79, Ker82, Kru82, Rav82, Shr79b, Shr79a]. **concurrente** [Sch86]. **Conference** [Ano91, BBZ01, BBP96, BS03, BD01, GW00, LS06, Mos97, Sof84, USE85, Ano93]. **Configuration** [Jor89a, Jor89b]. **conquered** [Emr21]. **Considered** [SS85]. **Consistent** [BJ86]. **Constant** [Coh91, Wir91a, Wir91c]. **constrained** [KS89]. **Construction** [Wir77f, Wir84c, Wir85a, Wir96d, Wir96e, Wir05a, Wir07a, Wir08f, Wir11, Wir17b, Geo74, Gut00a, Mös00, VS15, Wir87b, Wir00b, Cyt97]. **Constructive** [Bow88]. **Constructs** [MS90]. **context** [LL70]. **context-free** [LL70]. **contextual** [CL82]. **Contracts** [Wec98]. **Contribution** [WH65, Wir66a, WH66a, WH66b, S<sup>+67</sup>]. **Contributions** [BD01, BD02, Wir00a, BD01]. **Control** [Gut97, Wir73a, Wir98b, Bri94a, DNR90, Wir98a, Wir99b]. **Controller** [KS84]. **controversial** [KPUG93]. **Conversational** [AN81, Rob83]. **Conversion** [MS90, For88]. **Converting** [GAK86a, GAK86b, Sch89a, LP83]. **Conway** [Fin77]. **COPAS** [AN81]. **Copying** [FM86]. **core** [Wir98a]. **Coroutines** [KS80, Pad90, Ger82, HT86]. **Corrections** [Wir76b]. **Correctness** [Mey99, Old84]. **Correspondence** [Coh91, Wir78c, Wir91c]. **Corrigenda** [HW74, Wir70a]. **Corrigendum** [Wir68b]. **cost** [Wir90b]. **Costs** [Com83]. **Counters** [Wir15d]. **countess** [For88]. **Course** [Fel86b, Fel86c, GLW94, MS87, Wir69a, Bös98]. **craftsmanship** [Pom93]. **creating** [Ano86a]. **Creator** [Gru24, Cha24, Pro24, VN24]. **Criteria** [Wir72b]. **Critical** [BdJ76, BdJ80, Hab73, Hab84]. **critique** [Wir67e]. **Cross** [Hit79, Wir80a]. **Crux**

[Wir08e]. **CS1** [Kof88a, Kof88b]. **CS2** [Kof88a, Kof88b]. **CSP** [CMM87, Gol87]. **Current** [Wir10a]. **Curriculum** [GAK86a, GAK86b]. **curves** [Ano87a]. **Cyber** [Lid76]. **cybernetics** [Wir67e].

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- [GLW94, Ano86d]. **Lagoona** [Fra97]. **Lake** [Sof84]. **Language** [Ame83, Ano06b, Ano18, AP84, Bal76, BBG<sup>+</sup>69, BW71, BdJ80, BBG<sup>+</sup>81l, Bri94b, Bri96c, Bri96f, Bri02b, Bri02d, CDG<sup>+</sup>92, Cor88, ER92, Fes24, Floxx, Fra97, GW77, GW78, Gut00b, Hab73, Har94, HH95a, HH95b, HW72, HW73, HW74, Hur84, ISO82, ISO96, Ker81, Ker84, LD75, Mac79, MPT86, Mal71, Mal72, Mar79, MW91a, MW93, Nik97, Rad94, Rob83, SIRB16, Shr79b, Tem94, WB79, Wir65e, Wir66c, Wir67d, Wir68b, Wir68d, Wir70b, Wir70c, Wir71d, Wir72f, Wir72g, Wir72b, Wir73b, Wir75f, Wir75g, Wir77h, Wir79c, Wir79d, Wir85a, Wir88d, Wir90h, Wir94b, Wir96a, Wir98b, Wir01c, Wir02e, Wir05c, Wir07b, Wir07a, Wir16, AC90, Ano86a, BH95, Bar78, Bös98, Bri75a, Bri75b, Bri94a, Dub85, Eur85, Emr21, Gut99, Hab84, Har90, Hoa74, IAJ83, IEE83, ISO88, JW81]. **language** [LD74, Lec74, LD84, Mey99, Mös91, Pir19, Pou91, Rei84, Sal92, SOM94, Wir72a, Wir75a, Wir5 a, Wir76e, Wir84b, Wir87b, Wir90f, Wir90d, Wir00b, Woo94, BS76, AI83]. **Language-Sensitive** [Rob83]. **Languages** [Ano93, BST89, BdJ76, BS03, FG82a, FG84a, GC00, GC03, GALW12, LS06, Nel79, Rit02, SMB83, Wir79b, Wir87c, Wir87d, Wir87e, Wir87f, Wir00a, Wir03a, BG96, Eva84, FG84b, GW00, ISO90b, ISO91, ISO96, ISO98a, ISO98b, JF87, Mos97, Sou90, Wir67b, Wir74b, Wir76c, Wir84f]. **Lara** [Gut85]. **Large** [Com79, Rov86, You81]. **latest** [Pou91]. **Laurence** [Bis82]. **Lawrie** [Atk82b]. **Lazy** [Com83]. **leader** [KPUG93]. **Lean** [Sch00b, Wir95e, VN24]. **Learning** [Geh00]. **Lebensgeschichte** [SBE<sup>+</sup>99]. **Lectures** [Ash87]. **Legacy** [Tyl24]. **Less** [CLL<sup>+</sup>86]. **Letter** [Ano80, Wir66b]. **Letters** [Hay80, Jos80]. **Level** [Cra85, Wir79b, Wir79c, Wir79d, Tag88]. **Leveraging** [GC03]. **Levi** [Ran87b]. **Levrat** [Ano88]. **Lexical** [BBG<sup>+</sup>81h]. **Lexing** [Spe83]. **Library** [BHHM86, Ode89, ADDM84]. **Lie** [Ran87a, Ran86, RWZ87, Ran87b]. **life** [Hop00, SBE<sup>+</sup>99]. **Lightweight** [Som06, Pou95]. **like** [Arm88, BW71, Mey99, Old84]. **LILITH** [Wir81b, Coo89, DS84, GW84, Ohr84, Pom85, Rei84, Wag00, Wir81a]. **Lilith/Modula** [DS84]. **Limits** [Gut87]. **line** [Mey99]. **LineDrawing** [Por88b]. **Lines** [Wir90e]. **linguaggio** [JW81]. **linguistic** [JF87]. **Link** [Fer95a, Fer95b]. **Link-Time** [Fer95a, Fer95b]. **Linked** [Lev88]. **Linux** [War03]. **Linz** [Mos97]. **LISP** [JF87, JF87]. **List** [IH71, Lev88, Zim85]. **Lists** [BH86]. **Little** [Rit02]. **Local** [Sha86b, SM95, Tag88]. **Logic** [Li88, Pri10, Wir94b, Wir08e]. **Lola** [Wir94b, Wir95d, Wir96a, Wir14]. **Lola-2** [Wir94b, Wir14]. **London** [Bar77]. **Look** [Fra97, Lid76, Ten78, JM84, KPUG93, Pou91]. **Looking** [Wir05b, Wir06]. **looks** [Pou90]. **Loss** [Ano24b]. **Lotus** [Gut00a]. **Loughborough** [Ano91]. **Low** [Tag88, Wir90b]. **Low-cost** [Wir90b]. **Low-level** [Tag88]. **LSI** [Hay80, Hit79, Mah80, Mat80]. **LSI-11'** [Hay80, Hit79, Mah80, Mat80].
- M** [Ano79, Ano86b, Bis79a, Rob82]. **Mac** [Pou95]. **Machine** [Wir69b, Wir70a, Zam96, GM00, Jen73, GC00]. **Machines** [Lid76, Pri10, Wir08e]. **Macmillan** [Bis79a]. **MacOberon** [Fra90a, Fra90b]. **Macro** [BO83, Com79]. **made** [BOB<sup>+</sup>00]. **mainframe** [DSW82]. **Making** [AJ90]. **Managed** [GC03]. **Management** [Jor89a, Jor89b]. **Manager** [ORT81]. **MANGLE** [Sew87]. **Manipulation** [And85, Bis84, Wir64a]. **Manual** [Ano86e, BBG<sup>+</sup>81l, JW74b, JW75, JW85, JW91, Rei91, Sit72, Fra90b, JW74a, JW81]. **manuale** [JW81]. **Many** [Pos24]. **MAP** [Com79]. **Mapping** [Anoxxa]. **March** [Mos97]. **Marktoberdorf** [BS76]. **Marshall**

- [Ano86d, Bow88]. **MAS** [KP97a].  
**MASCOT** [Bud85]. **Mass** [Fin77]. **Masses** [Ano18]. **Master** [BK87]. **Master/Slave** [BK87]. **Matching** [Liu86]. **mathematics** [EMR91]. **Mathematik** [EMR91]. **Matter** [BBG<sup>+</sup>81a, BBG<sup>+</sup>81d]. **May** [Ano86b, Ano86c, Ano86d]. **May/June** [Ano86b, Ano86c, Ano86d]. **Measuring** [DP85]. **Mechanism** [EBP93, Tsi82].  
**Medos** [Knu00]. **meets** [And89, For88, Wag00]. **Memo** [Wir98a, Wir98b]. **Memoir** [Tyl24].  
**Memorial** [BBP96, BBZ01]. **Memoriam** [GS24, Spi24a]. **Memory** [McC83].  
**Message** [Hof00]. **Messages** [FF00].  
**Messer** [Bow88]. **Method** [Amm74, Amm75]. **Methode** [Amm75].  
**methodical** [Atk79b]. **Methodology** [Mac79]. **Methods** [Sch01, KS89].  
**Metrowerks** [Tay90]. **Microcoded** [CMH85]. **Microcomputer** [Bow77, OW83, Atk79a]. **Microcomputers** [Car85, Ano87a]. **Microcontroller** [Wir05c, Wir08h]. **Microprocessor** [Wir86c]. **microprogrammed** [Web67].  
**Microsoft** [KPUG93]. **Minicomputer** [CRT80]. **Minicomputers** [BD76].  
**Minimal** [BH86]. **MINOS** [Ode89]. **MIRA** [MTT83]. **MIRA-3D** [MTT83]. **MIZAR** [RD85, RD86]. **Model** [MS99a, MS99b, WH86, Wir98b, Web67, Wir98a, Wir99b].  
**Modern** [ER92]. **Modest** [Zim85].  
**Modification** [CRT80]. **Modula** [Ano86d, Ano86a, Ano87b, Ano91, Gol85, Gre86, Pom85, SS85, Tay90, Tor87b, Wir96c, Bud85, BOB<sup>+</sup>00, CLL<sup>+</sup>86, Col84, Gol86, PT92, Sou90, Wir5 a, Wir5 b, Wir78a, Wir80b, Wir90a, Aba94, And84, And85, And86, And89, AK92, Ano86b, Ano86c, Ano86d, Ano86a, Ano86e, Ano87a, Ano87b, Ano88, Wir90g, Ano94, AJ90, Bai88a, Bai88b, BET78, Bat91, BJ86, BG88, BHHM86, Bie85, Bis91, Bla89, Bon87, Bös92, Bös93, BB91, BH86, Bru86a, Bru86b, Bru87a, Bru87b, BDW88, BK87, CDJ<sup>+</sup>89, CDG<sup>+</sup>92, Car85, Cas91, Chr86, CMM87, Cor88, Cra85, CI85, DS84, Det93, DNR90, DO85, Dot90, DP85, Dun84, EBP93, EO80, ER92, Fel86a, Fel86b, Fel86c, Fel88, Fer95a, Fer95b, For88, Fos86, Fou91, Fre95, GAK86a, GAK86b, GH93, Gol87]. **Modula** [GN87, GC88, Gut84, Gut86, Gut87, Har90, Har92, Har94, HS84, Hem88, Hir83, HH95a, HH95b, Hop80, HKMN93, Hur84, ISO96, ISO98a, ISO98b, JPPM96a, JPPM96b, JPPM96c, JM84, Jor89a, Jor89b, Jor90a, Jor90b, Kin89, KC90, Kin91, Kin93, KT90, Kof88a, Kof88b, Kom98, KP97a, LG87, Lad89, Lea87, Lee85, LS87, LN98, Lev88, Li88, Lo85, Lou90, MPT86, Mah80, Mas98, MS87, MS84, Mof84, Moh89, MFMN89, Mul84, Mul86, Mul24, Nan89, Nel91, Nie88, Ode89, Ohr84, Pad90, Pas85, Pom85, Por88a, Por88c, Pou90, Pow84a, Pow84b, Pow84c, Pro92, PS96, PSSW97, Reh87, Rei84, RW92, Rib90, RL01, Rov86, RS95, Sal92, SIRB16, Sav87, Sch88, Sch86, SH89, SP96, Sch89b, Sch89c, ST86, Sed93, Sew87, Sew84a, Sew84b, Sew88, Sha86a, Sha86b]. **Modula** [Sha87, SW86, SMB83, Spe82, Spe83, SW87, SG82, SM95, Tag88, Ter86, Tho92a, Tho92b, Tor87a, Vix92, WA86, Wie84, WS84, WS85, Wie86, Wir77g, Wir77h, Wir77j, Wir82, Wir83c, Wir84a, Wir85c, Wir85b, Wir86a, Wir88b, Wir88c, Wir90f, Wir96c, Wir04b, Wir07c, WF84, Woo86, Woo93, Woo94, WJ92a, WJ92b, Wya94, Zim85, Ano86c, Käs83, Mee87, Ano86b, Ano87c, Bow88].  
**Modula-2** [Ano86d, Ano86a, Ano87b, Ano88, Ano91, Gol85, Gre86, Pom85, SS85, Tay90, Tor87b, Wir96c, Bud85, BOB<sup>+</sup>00, CLL<sup>+</sup>86, Col84, Gol86, PT92, Sou90, Wir78a, Wir80b, Wir90a, And85, And86, And89, AK92, Ano86b, Ano86c, Ano86d, Ano86a, Ano86e, Ano87a, Ano87b, Ano88, Wir90g, AJ90, Bai88a, Bai88b, Bat91, BJ86, BG88, BHJM86, Bie85, Bis91, Bla89, Bon87, BB91, BH86, Bru86a, Bru86b, Bru87a,

Bru87b, BDW88, Car85, Cas91, Chr86,  
 CMM87, Cor88, Cra85, CI85, Det93, DNR90,  
 DO85, Dot90, Dun84, EBP93, Fel86a,  
 Fel86b, Fel86c, Fel88, For88, Fos86, GAK86a,  
 GAK86b, GH93, Gol87, GN87, GC88, Gut84,  
 Gut86, Gut87, Har90, HS84, Hem88, Hir83,  
 HH95a, HH95b, Hop80, ISO96, ISO98a,  
 ISO98b, JPPM96a, JPPM96b]. **Modula-2**  
 [JPPM96c, JM84, Jor89a, Jor89b, Kin89,  
 KC90, Kin91, KT90, Kof88a, Kof88b, Kre89,  
 KP97a, LG87, Lad89, Lea87, Lee85, LS87,  
 Li88, Lo85, Lou90, MPT86, MS87, MS84,  
 Mof84, Moh89, MFMN89, Mul84, Mul24,  
 Nan89, Nie88, Ode89, Ohr84, Pad90, Pas85,  
 Pom85, Por88a, Por88c, Pou90, Pow84a,  
 Pow84b, Pow84c, Pro92, PS96, PSSW97,  
 Reh87, Rib90, RL01, Rov86, Sal92, SIRB16,  
 Sav87, Sch88, Sch86, SH89, SP96, Sch89b,  
 Sch89c, ST86, Sew87, Sew84a, Sew84b,  
 Sew88, Sha86a, Sha86b, Sha87, SW86, Spe82,  
 Spe83, SW87, SG82, SM95, Tag88, Ter86,  
 Tho92a, Tho92b, Tor87a, WA86, Wie84,  
 WS84, WS85, Wie86, Wir82, Wir83c, Wir84a,  
 Wir85c, Wir85b, Wir86a, Wir88c, Wir96c,  
 Wir04b, Wir07c, WF84, Woo86, Woo93,  
 Woo94, WJ92a, WJ92b, Ano86c, Käs83].  
**Modula-2** [Mee87, Ano86b, Ano87c, Bow88].  
**Modula-2/86** [Ano86e].  
**Modula-2/MUPE-2** [MPT86]. **Modula-3**  
 [Aba94, Ano94, Bös92, Bös93, CDG<sup>+</sup>92,  
 ER92, Fer95a, Fer95b, Fre95, Har90, Har92,  
 Har94, HKMN93, Jor90a, Jor90b, Kin93,  
 Kom98, LN98, Lev88, Mas98, Nel91, RS95,  
 Sed93, Vix92, Wya94]. **Modula-Prolog**  
 [Mul86]. **Modula/R** [Rei84]. **Modular**  
 [BS03, Bri77, GC03, GW00, LS06, Mos97,  
 SM81, WB79, Wir77h, EF88, KV15, BS03,  
 GW00, LS06, Mos97]. **Modulas** [Dub85].  
**Modulas-1** [Dub85]. **Module**  
 [Por88b, Rad94, Wie84, Wir79b, CW82].  
**Modules** [LS87, Sha86b, SM95, Szy92a,  
 Szy00, ADDM84, PS94]. **Molau** [Ano87a].  
**Monitor** [Sew84a]. **Monitoring** [Hur84].  
**Monitors**  
 [Bri93, Bri96a, Bri96b, Bri78b, Ter86].  
**Moore** [Atk82b]. **most** [Arm88].  
**most-recent** [Arm88]. **Mourns**  
 [Ano24b, Qua24]. **Move** [AJ90]. **MS** [Dis93].  
**MS-DOS** [Dis93]. **Multi** [Sch01, Kru82].  
**Multi-grid** [Sch01]. **multi-user** [Kru82].  
**Multimedia** [Pou90]. **Multiple**  
 [Fel86b, Fel86c, Wir64b]. **Multiprocessing**  
 [Wir96f]. **Multiprocessor**  
 [AP84, Bri78a, BA88, Bri88].  
**Multiprogramming**  
 [WB79, Wir69b, Wir70a, Wir77h, Wir5 a].  
**Multitasking** [Bis91, CBG01]. **MUPE-2**  
 [MPT86]. **My** [Ker81, Ker84, Bös98].  
**myself** [Lüt21].  
**N** [Edw77, LD74, Ros74, SBE<sup>+</sup>99, Wal89,  
 vdLN65]. **N.**  
 [Hop00, Mar14, SBE<sup>+</sup>99, Wir00c]. **N.J**  
 [Abr74, Edw77, Ros74]. **N.Wirth** [Wir14].  
**nach** [Amm75]. **Names** [BBG<sup>+</sup>81].  
**National** [IEE83]. **Need**  
 [Gut97, BG88, Szy92a]. **needed** [PS94].  
**neglected** [Wir07f]. **NELIAC** [HLW63].  
**Nerima** [Ano88]. **Nested** [Hei03, Pad90].  
**Net** [Wir90b]. **nets** [Ode00]. **NetWare**  
 [War03]. **Network**  
 [ER92, Szy90, Tag88, Wir90b, Ebe00, Bri78a].  
**Netzwerke** [War03].  
**Netzwerkkonfiguration** [War03]. **neue**  
 [RW94]. **News** [GS24]. **Newton** [KS89].  
**Newton-type** [KS89]. **Niklaus**  
 [Ano93, Ano24b, Cyt97, Fes24, Abr74,  
 Ano18, Ano24a, Ano24c, Bös00, Cha24,  
 Daw24, GS24, Gru24, Hol21, Käs83, Kor24,  
 LM24, Mey24, Mös00, Pes97, PMR00, Pos24,  
 Pou91, Pou95, Pro24, Qua24, Ros24, Sev12,  
 Spi24a, Spi24b, TWB11a, TWB11b,  
 TWB11c, Tyl24, VN24]. **nil**  
 [Ran86, Ran87a]. **No** [Ano79, Ano86b,  
 Ano86c, Ano86d, Ano86a, Ano87a, Ano87b,  
 Ano87c, Ano88, Atk79a, Atk79b, Atk82b,  
 Atk83, Bar77, Bis79a, Bis79b, Bis81, Bis82,  
 Bis84, Bow88, Fin77, Mee87, Ree84, Rob82,

Ros74, Wir73a, Edw77, Ran87a]. **noch** [Wir08a]. **nonlinearly** [KS89]. **Nook** [Cyt97]. **Norm** [JWM91]. **Notation** [Wil82, Wir77k]. **Note** [Krá66, Tor87b, Wir76a, Wir08i, Ger82, LL70, Wir66b]. **Notes** [NAJN74, NAJN76, NAJN81, PHT91, Wir66a, Wir75d, Wir95d]. **Notes<sup>TM</sup>** [Gut00a]. **notice** [Ran87a]. **Novell** [War03]. **November** [Ano87b, Ano88]. **November/December** [Ano87b, Ano88]. **Novosibirsk** [BBZ01, BBP96, EN74]. **Nr** [Wir98a, Wir98b]. **Nucleus** [Hop80]. **numerical** [EMR91, KS89]. **numerischen** [EMR91]. **Numerous** [Wir96c].

**O** [Syd94]. **Oakwood** [Kir95]. **Obeisance** [Wir78b]. **Oberon** [RW94, War03, Dis93, Mil89, Pfi04, Anoxxb, Bös92, Bös93, BCFT92, BCFT95, Cre90b, Cre91, DR97, DG96, DSD97, DG98, FH98, Floxx, FH15, Fou91, Fra00a, Fra00b, Gut90, Gut94, Gut97, Gut99, Gut00b, Hof00, Kel21, KPUG93, Kir95, Kna95, Kna97, KP97b, Lal91, LS94, Lin90, Mar94, Mar96, MS99a, Mös95a, MTG89, Mös91, MW91b, MW91a, Mös93a, Mös93b, Mös93c, MW93, Mös94, Mös95b, Mös95c, Mös98, MS99b, MLKK97a, MLKK97b, Nau94, Nig93, Nik97, PHT91, Pir19, Pou91, Pou93, Pou95, Rad93, Rad94, Ree00, Cre90a, Rei91, RW92, RW94, RL01, Saw96, SR15, Som06, Szy90, Szy91, Tem90, Tem94, Tem95, Tem00, Wir88b, WG8 , Wir88a, Wir88d, WG89, Wir90f, Wir90h, Wir90d, WG92, Wir98b, Wir04a, Wir04b, Wir07c, Wir07d, Wir07e]. **Oberon** [Wir08d, Wir08g, Wir16, Wir18, Zam96, Zel97, vD89]. **Oberon-0** [FH15, SR15]. **Oberon-07** [Kel21, Wir07e, Wir18]. **Oberon-2** [Pfi04, Bös92, Bös93, DSD97, Floxx, Kel21, Kir95, MS99a, Mös95a, Mös91, MW91b, MW91a, Mös93a, Mös93c, MW93, Mös95b, Mös95c, Mös98, MS99b, MLKK97a, MLKK97b, Nig93, Nik97, Pir19, RL01, Tem95]. **Oberon-ARM** [Wir08g]. **Oberon-System** [Kna97]. **Oberon/F** [Pou95]. **Oberon0** [KV15, VS15]. **Obituary** [Ano24c, Spi24b]. **Object** [Bon87, ER92, Fra97, MTG89, Mös93b, Mös95c, Rad94, Tho92a, Tho92b, Wec98, BG88, Pou93, Pou95, Ste98, Wir90a, ISO98b, MTG89, Mös93c, Mös98, Tes85, Ano86c]. **Object-Based** [ER92]. **Object-Orientation** [Fra97]. **Object-Oriented** [MTG89, Mös93b, Mös95c, Rad94, Pou93, Pou95, Ste98, Wir90a, Ano86c]. **Objects** [Bla89, DR97, ER92, GN87, Gut97, Sav87, Tor87b, Aba94, BBS97, Gut99, Wie86]. **Objektorientierte** [Mös93c, Mös98]. **occam** [KS84]. **October** [Ano87a]. **Ofront<sup>TM</sup>** [Tem95]. **on-line** [Mey99]. **On-the-Fly** [Fra94b]. **One** [CRT80, Gri90, Gut87]. **One-address** [CRT80]. **One-pass** [Gut87]. **Online** [Zel97]. **Only** [Lea87]. **OOP** [Har90]. **OP** [Cre90a]. **OP2** [Cre90b, Cre91]. **Open** [Lea87]. **Open-Ended** [Lea87]. **Operating** [BHBM86, Bri76a, Bri76b, Bri96e, Bri01a, Bri01b, Bri02c, Bru86a, Bru86b, Fra93, Hir83, WG92, WF84, Kru82, Pou93]. **Operation** [Fel86b, Fel86c]. **Operation-Systems** [Fel86b, Fel86c]. **Operations** [LS79, Pri10]. **Optimization** [Fer95a, Fer95b, SDK06]. **Optimizations** [Fra94a]. **Optimizing** [Atk82a, Lou90, Pow84a, Pow84b]. **Order** [Li88]. **Organization** [Amm78a, Wir69b, Wir70a]. **Orientation** [Fra97]. **Oriented** [ISO98b, LG87, MTG89, Mös93b, Mös93c, Mös95c, Mös98, Rad94, Tho92a, Tho92b, Bai88a, Bai88b, BG88, JCL85, Pou93, Pou95, Ste98, Wir90a, Ano86c]. **Origin** [Bri02a]. **Original** [BD01]. **OS/2** [Rib90, Sch89b]. **Osborne** [Ano86b]. **Other** [GC00]. **our** [FvGGM90]. **Output** [BBG<sup>+81f</sup>, Cra85, Lea87, Ode89]. **Outreal** [Wir65g]. **Outward** [Wal86]. **Overlooked**

[Fra00a, Fra00b]. **Overview** [HS84]. **Own** [Ree00]. **Oxford** [LS06].

**P** [Ano88, Bow88, Wir75d, Alp79, Ber78, CRT80, GW77, GW78, Hur80, Jen73, Lou90, NAJN74, NAJN76, NAJN81, Sch89a].  
**P-Code** [Alp79, GW77, GW78, Hit79, Lou90, Sch89a, NAJN81]. **P-Compiler** [Ber78]. **P-machine** [Jen73]. **P4** [Rob82].  
**Package** [LG87, Mar84]. **Packages** [BBG<sup>+</sup>81j, Det93]. **Page** [Bis84]. **Pages** [Nou05, Ano79, Ano87c, Atk79a, Atk79b, Atk82b, Atk83, Bar77, Bis79a, Bis79b, Bis81, Bis82, Bis84, Bow88, Edw77, Fin77, Mee87, Ree84, Rob82, Ros74]. **PAIL** [GW78, GW77]. **PAIL-3** [GW77]. **PAIL-4** [GW78]. **Paper** [Wir65a, LD74, Woo94].  
**paperback** [Ano87c, Atk82b, Bis82, Bis84, Bow88, Fin77, Wal89]. **papers** [Ano93, BBZ01]. **Paradigm** [Wir96f].  
**Parallel** [AP84, Bri96f, Bri96d, Bri02d, Bri94a, KS80, Wir66b]. **parameter** [Ran86, Ran87a, RWZ87].  
**parameter-dependent** [Ran86, Ran87a, RWZ87]. **parameter-free** [Ran86, Ran87a, RWZ87]. **Parameters** [Sha86b]. **parametric** [HE82]. **Parsers** [Amm78a]. **Parsing** [Spe83]. **Part** [Fou91, Lüt21, Ran86, TWB11a, TWB11b, TWB11c, WW66a, ISO88, ISO96, ISO98a, ISO98b, WW66b, WW66c]. **Partial** [Fre95, Mey99]. **partners** [Szy00].  
**PASCAL** [Amm75, JF87, Ran87a, AI83, Ano86b, Ano86c, Ano86d, Ano86a, Ano87a, Ano87b, Ano88, Hay80, ISO90a, JW85, Led84, Ten85, AC90, Amm75, Amm76, Amm77, Ano18, Bal76, Bar78, BD76, Col84, CGZ76, Eur85, Fei74, Geo74, GLN76, Haá82, HE82, HW72, Hoa74, JF87, JW74a, JW75, KS89, LP83, MS83, NW78, Nel79, NAJN74, NAJN76, Ran86, RWZ87, Ran87b, Shi92, Ts82, WQ72, Wir70b, Wir70c, Wir71a, Wir72a, Wir72f, Wir72g, Wir73b, Wir75f, Wir75g,

Wir75d, Wir75c, Wir76a, Wir76e, Wir80c, Ano80, Ame83, ABBH<sup>+</sup>79, Alp79, ADDM84, Ano85, Pfi04, Ano06a, Ano06b, Ano21, AP84, Arm88, Atk79c, AN81, Atk82a, BS84, Ber78, Bis79c, Bis79d, Bow77, BFV84, Bri75a, Bri75b, Bri75c, Bri76a, Bri93, Bri96a, Bri96b, Bri96c, Bri96e, Bri01b, Bri02b].  
**Pascal** [Bri02c, BWA82, BO83, Car85, Cha24, CC87, CD84, CK81, CGHP79, CH79, Com79, CW82, Com83, CL82, CMH85, CRT80, Des73, DS86, DSW82, EF88, Emr21, EMR91, Eva84, Fes24, FG82a, FG84a, FG84b, FM86, Fou75, Fre81, GAK86a, GAK86b, Ger82, GKLM79, Gru24, Hab73, Hab84, HL76, Har90, HM82, Hit79, HW73, HT86, Hur80, IAJ83, IEE83, ISO82, ISO88, ISO90b, ISO91, Jen73, JW74b, JW81, JW85, JWM91, JW91, JCL85, JM84, Jos79, Jos80, Kae95, KE85, KP81, Ker81, Ker84, Ker82, KS84, KS80, Kru82, LF82, LD74, Lec74, LD75, LD84, LHN79, Lid76, Liu86, LS79, Mac79, MTT81, MTT83, MS90, Mar79, Mar75, Mar84, Mat84, MHT96, Mat80, McC83, MS84, Mey99, Moh77, Mul84, Nag76, NW84, NAJN81, ORT81].  
**Pascal** [Old84, OW83, Par85, PD02, PV84, PD81, Pfi01, Pos24, Pro24, Qua24, Rav82, Ree91, RW92, RW94, Ric74, Rob83, RD85, RD86, RS76, Sal79b, Sal79c, Sal79a, Sal81, Sch80, Sch89a, Sha86b, SFIK80, Shr78, Shr79b, Shr79a, SMB83, SM79, SM81, SG82, SDK06, Ten78, Tes85, VN24, WC81, Wal86, WSH77, Wel78, WB79, WH86, WB85a, WB85b, WC83, Wic84, Wil80, Wir71d, Wir72e, Wir72b, Wir73a, Wir74c, Wir75a, Wir78b, Wir79a, Wir80a, Wir81c, Wir84b, Wir93a, Wir93b, Wir95b, Wir96b, Wir99a, Wir01c, Wir02e, Wir02c, Wir21, Yip84, You81, Ano79, Atk79a, Atk82b, Atk83, Bar77, Bis79a, Bis79b, Bis81, Bis84, Fin77, HW74, Ree84, Atk79b, Bis82, Rob82].  
**Pascal-Again** [Sal79b].  
**Pascal-Benutzerhandbuch** [JWM91].  
**PASCAL-Compiler** [GLN76].

**PASCAL-Compilers** [Amm75].  
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**Pascal-P** [CRT80, Hur80]. **Pascal-Plus** [KS84, WB79]. **PASCAL-program** [KS89].  
**Pascal-Programmen** [EMR91].  
**PASCAL-S** [Wir75c, Wir80c, Wir81c].  
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**Pascal/P** [Hit79]. **Pascal/P-Code** [Hit79].  
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**PCs** [Ano86a]. **PDP** [BD76, Fei74].  
**Pemberton** [Rob82]. **People** [Bös05].  
**Perfect** [BH86]. **Performance** [BA88, DSD97, Hur84, PV84, SIRB16].  
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**Perlman** [Ano79]. **persistence** [Kna97].  
**Personal** [Bri96a, GW84, Wir79c, Wir79d, Wir81a, Wir00a, Wir15a, Bri93, Bri96b, Rei84, Wir81b]. **Perspective** [Wir10a, Wir15a, Wir74d]. **Perspectives** [BBZ01, BBP96, Wir91b, Wir00a]. **Peter** [Bis79b]. **philosophy** [KW85]. **Phys** [Ran87a]. **PIC** [Wir05c]. **PICL** [Wir05c, Wir07b]. **pioneer** [Ano24a, Daw24, LM24, PMR00, Pro24].  
**Pioneers** [BD01, BD02, BD01, SBE<sup>+</sup>99].  
**Pioniere** [SBE<sup>+</sup>99]. **Pitman** [Atk79b, Atk83]. **PL360** [Mal71, Mal72, Wir67c, Wir68b, Wir68d, WWS68]. **place** [Wir08k]. **Planned** [Wir72a]. **PLDs** [Wir96a]. **Plea** [Bös05, Wir95e]. **Plotting** [Ano87a]. **Plus** [KS84, WB79]. **Pocket** [Atk83, Atk83]. **Point** [Dot90, Dun84].  
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**Programming** [Sch86]. **Programmen** [EMR91, Wir96c]. **Programmer** [DNR90, Rei91]. **Programmer-defined** [DNR90]. **Programmers** [Kor24, MS84]. **Programmieren** [Wir75h, Wir83d, RW94, Wir72c, Wir85b]. **Programmierens** [Amm75]. **Programmiersprache** [Wir76e, Wir90d]. **Programmiersprachen** [JF87]. **Programmierung** [JF87, Mös93c, Mös98]. **Programming** [Ame83, Abr74, Amm74, Wir90g, Ano93, Ano18, BST89, BdJ76, BdJ80, BS03, BBG<sup>+</sup>81l, Bri77, Bri94b, Bri96c, Bri96d, Bri02a, Bri02b, Bru87a, Bru87b, DO85, EN74, ER92, Fes24, FG82a, FG82b, FG84a, FH98, Fra97, GALW12, Hab73, Har92, Har94, HH95a, HH95b, HW72, HW73, HW74, ISO82, ISO91, Jor90a, Jor90b, Ker81, Ker84, KW85, KS80, LD75, Lee85, LS06, Lin90, Mal71, Mal72, Mar79, MFMN89, Mös95a, MW91a, Mös93b, Mös93c, MW93, Mös95c, Mös98, MLKK97b, NPJ79, Nik97, Ode00, Pas85, Pet82, Por88b, Pow84c, Pri10, RW92, SIRB16, SMB83, SM81, Tag88, Tem94, Tyl24, Wir65e, Wir66c, Wir67d, Wir68b, Wir68d, Wir70b, Wir70c, Wir71d, Wir72f, Wir72g, Wir72b, Wir72c, Wir73b, Wir73c, Wir75f, Wir75g, Wir76c, Wir77b, Wir77c, Wir77d]. **Programming** [Wir77e, Wir77i, Wir79b, Wir82, Wir83c, Wir83d, Wir84f, Wir85a, Wir85c, Wir87c, Wir87d, Wir87e, Wir87f, Wir88d, Wir88c, Wir90h, Wir98b, Wir00a, Wir01a, Wir01c, Wir02e, Wir03a, Wir04b, Wir05c, Wir07a, Wir08j, Wir15c, Wir16, Woo94, AI83, AC90, Amm75, Ano79, Ano86c, Atk82b, Atk83, Bai88a, Bai88b, BG88, BG96, Bri75a, Bri75b, Eur85, Emr21, Eva84, FG84b, GW00, Hab84, Hoa74, IAJ83, IEE83, JF87, KS89, Lal91, Lec73, LD74, Lec74, LD84, Mös91, Mos97, Nel91, Pir19, PS94, Rei84, Rib90, Ros74, SH89, Shi92, Sou90, SOM94, Wir67b, Wir72a, Wir74b, Wir74d, Wir75a, Wir75h, Wir76e, Wir84b, Wir87b, Wir90a, Wir90f, Wir90d, Wir99c, Wir00b, ISO90b, ISO96, ISO98a, ISO98b, Käs83, RW94, Wir85b, Wir04b, Ano86b, Atk79b, Bis82, Bis79b, Bis81]. **Programs** [CC87, CH79, Fer95a, Fer95b, FW65a, FW65b, Mar75, RD85, RD86, SFIK80, SDK06, SM95, Wir74a, Wir76d, Wir79a, Wir80a, Wir96c, Wir98d, You81, ADDM84, Arm88, CL82, EMR91, LF82, Old84, Ran86, Ran87a, RWZ87, Ran87b, Ste98, Wir98c, Edw77]. **Project** [Wal86, WG92]. **Projects** [Fel86b, Fel86c, Wir00c]. **PROLOG** [JF87, JF87, Mul86]. **proof** [Knu90]. **Properties** [RD85, RD86]. **property** [Arm88]. **Proposal** [Gut97, Krá66, Tho92a, Tho92b, Wir64a, Wir65f, HW66, Wir65c, vdLN65]. **Proposed** [BBG<sup>+</sup>81l]. **Pros** [Bat91]. **Protecting** [Tor87b, Wie86]. **Proving** [RD85, RD86]. **PRTDS** [WB85a]. **PSE** [Tay90]. **PSI** [BBZ01]. **PT** [MS83]. **Publication** [Ano85, Bri96f, Bri02d, Bis79d]. **Publications** [Bow88]. **Publishers** [Fin77]. **purpose** [Mac79]. **Quality** [Dot90]. **Quasi** [KS80]. **Quasi-parallel** [KS80]. **Queens** [Gol87]. **R** [Ano86d, Ano86a, Bis79a, Fin77, Rei84]. **R1990** [AC90]. **R65** [Wir65b]. **R65-24** [Wir65b]. **Racehorses** [Dot90]. **Racing** [Fel86b, Fel86c]. **RADICAL** [Ran87a, Ran86, Ran86]. **radically** [Pou93]. **Range** [Wel78]. **rapid** [Ano86a]. **Raster** [Wir90e]. **Read** [Wir75b]. **Real** [BDW88, Wir77b, Wir77c, Wir77d, Wir77e, Wir77i, Wir01a, Bud85, Dub85, Tem00, HL76]. **Real-Time** [BDW88, Wir77b, Wir77c, Wir77d, Wir77e, Wir77i, Wir01a, Bud85, Dub85, HL76]. **Really** [Gut97]. **Realm** [Nik97]. **Recollections** [Wir93a, Wir93b, Wir96b]. **Recommended** [SM79]. **Record**

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**Syntaxes** [Woo86]. **Synthesis** [WC81].  
**System** [Ano93, Anoxxb, AN81, BHHM86, BBZ01, BBP96, Bri76a, Bri76b, Bri96e, Bri01b, Bri02c, CDJ<sup>+</sup>89, CC87, DO85, DP85, FH98, Fra93, GW84, Gut90, Gut94, Hir83, LS94, Mar94, Pas85, Pou95, Pow84c, Rob83, Som06, Web67, WB85a, Wir67c],

WWS68, Wir79b, WG8 , Wir89b, WG89, WG92, Wir98b, Wir08h, Wir10b, WF84, Zel97, Ano86b, BCFT92, BCFT95, Haá82, KV15, Kru82, Mös94, NW84, Sew87, Shi92, Szy91, SOM94, Wir88a, Wir98a, Wir99b, Yip84, DG96, ISO88, Kna97, KP97a, Rei91, Wir74d, Wir95d]. **System/360** [Web67]. **Systematic** [Wir73c, Abr74, Wir72c, Wir75h, Wir83d, Ros74]. **Systematisches** [Wir72c, Wir75h, Wir83d]. **Systeme** [War03, JF87]. **Systemprogramming** [Wir74d]. **Systems** [BST89, Bri01a, Bru86a, Bru86b, CBG01, ER92, Fel86b, Fel86c, Mar96, Nel91, PS94, Rov86, Wir73a, Wir01a, Ano87b, Bud85, GKLM79, ISO88, JF87, Nie88, Pou93, Sch00b].

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**Three-Dimensional** [MTT83]. **TI** [Nou05]. **TI-99** [Nou05]. **TI-99/4A** [Nou05]. **Time** [Amm78a, BDW88, Coh91, CBG01, Fer95a, Fer95b, Gri90, WB85a, Wir77b, Wir77c, Wir77d, Wir77e, Wir77i, Wir91c, Wir01a, Bud85, Dub85, GKLM79, LF82, WB85b, HL76, Wir91a]. **time-sharing** [GKLM79]. **Titan** [Gru24]. **Tool** [MFMN89, Mul86]. **Tools** [KP81, Pom85, Ree00, PS94]. **Top** [Fra93]. **TopSpeed** [Nan89]. **tot** [Qua24]. **Tower** [Fel86a]. **Trace** [Sch80]. **transaction** [Kru82]. **Transfer** [Wir95c]. **transferability** [Lec73]. **transforming** [LL70]. **transitive** [Dij00]. **Translating** [SM95, Wir98d, Wir14]. **translation** [Wir98c]. **Translator** [CCN<sup>+</sup>79, CNW80, Fre81, Tem95, Ano88]. **transportable** [EF88]. **Traps** [Wir08g]. **trauert** [Qua24]. **Tree** [BMW91]. **Trenches** [Bie85, Gre86]. **Tribute** [VN24]. **Trinity** [Ano21]. **Triptychon** [Wir05d]. **Troubleshooting** [War03]. **True** [Sha87]. **Tscharmer** [Ano88]. **Turbo** [EMR91, EMR91, Ree91, Sha86b]. **Turing** [Ash87, Day12]. **Tutorial** [Gut84, Wir15c]. **twenty** [Ash87]. **Two** [WS85, Atk82a]. **two-state** [Atk82a]. **Type** [CDJ<sup>+</sup>89, Coh91, CG94, Lea87, LS87, Nig93, Rad94, Ten78, Wir88e, BH95, IH71, KS89, Par85, SOM94, Wir07f, Wir91a, Wir91c]. **type-ambiguity** [Par85]. **Type-Extension** [Coh91, Wir91a, Wir91c]. **typeflow** [CG94]. **Types** [BBG<sup>+</sup>81b, Bri75c, Cas91, CI85, EO80, Gol86, Hei03, KT90, MTT81, SW87, Wir87a, HE82].

**U.S** [Atk79a]. **Übungen** [Wir96c]. **UCSD** [Ano88, BFV84, CK81, PV84]. **UFORT** [CNW80]. **UK** [LS06, Ano91]. **Undergraduate** [GAK86a, GAK86b]. **Unfair** [Hem88]. **Uninitialized** [Bon87, GN87, Sav87, Tor87b, Wie86]. **UNISEX** [KE85]. **United** [BBG<sup>+</sup>81l, Wal89]. **Units** [BBG<sup>+</sup>81e].

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**Universal** [Bri75c, CNW80]. **Universe** [Sch00a]. **Universität** [Wir74d]. **University** [Ano91, Bis81, Bis84, Wir74d]. **UNIX** [KE85, Pow84c]. **UNIX-based** [KE85].  
**Unnecessary** [Wir77k]. **Unwarranted** [SS85]. **Update** [Car85]. **Ural** [Ano87b].  
**USA** [Sof84, USE85]. **Use** [Gol86, Wil80, Wir5 b, Wir77j, Wir79d].  
**Useful** [HKMN93]. **USENIX** [Sof84]. **User** [Ano86e, JW74b, JW75, JW85, JW91, Kna95, Rei91, Tem90, Tem95, JW74a, Kru82].  
**Users** [Kna95]. **Using** [Bis84, Bow77, FH98, GLW94, HT86, KS84, Lea87, Li88, Moh77, Moh89, Pow84c, Reh87, Sch89c, SW86, Wec98, Amm75, Ano86c, Atk79a, BFV84, CG94, GKLM79, KV15, Mac79, Nie88].  
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**VAX** [PV84]. **Verification** [LS79, Mar75].  
**Verilog** [Wir14]. **Verlag** [Atk79a, Mee87].  
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**Viewpoint** [Wir21]. **Virtual** [GC00, GM00].  
**virtuelle** [War03]. **Visibility** [BBG<sup>+</sup>81q].  
**Vision** [Gut94]. **Visionary** [Ros24]. **visit** [Wir76c, Wir77a]. **Visualizer** [JPPM96a, JPPM96b, JPPM96c]. **vital** [VN24]. **VMware** [War03]. **Vol** [Ano86b, Ano86c, Ano86d, Ano86a, Ano87a, Ano87b, Ano88]. **vom** [Pom93]. **Voyage** [Rad93, Saw96]. **vs** [Bie85, Fel86a, Gre86].
- W** [Ano79, Atk79b, FvGGM90, BBG68, BBG<sup>+</sup>69, Sit72]. **waren** [Wir08a]. **warum** [Wir08k]. **Was** [Wir08k]. **Watt** [Atk79b, Atk83]. **way** [Pom93]. **WEB** [Kre89, Som06]. **WEB/Modula** [Kre89].
- WEB/Modula-2** [Kre89]. **Weber** [IH71, LL70]. **Webster** [Bar77]. **Wege** [Pom93]. **Wegmann** [Ano86c]. **Weingart** [Ano79]. **Weizenbaum** [SBE<sup>+</sup>99, SBE<sup>+</sup>99].  
**Well** [Wir74a, Dij00]. **well-founded** [Dij00].  
**Well-Structured** [Wir74a]. **Welt** [Qua24].  
**were** [Wir08a]. **Werkzeuge** [Pom85].  
**Wesley** [Bis79b]. **Who** [Kor24]. **whose** [Knu90]. **Wichmann** [Ree84]. **Wiener** [Ano86a, Ano87c]. **Wijngaarden** [Wir65a].  
**Wiley** [Ano79, Ano87c, Bis82, Ree84].  
**Wilson** [Bis79a, Bis84]. **Windows** [Fel86b, Fel86c, War03, KPUG93, MLKK97b, Pou95].  
**Winter** [USE85]. **Winthrop** [Fin77]. **wir** [Wir08k]. **Wirth** [Abr74, Ano93, Edw77, Käs83, Qua24, Ros74, SBE<sup>+</sup>99, Wal89, Ano18, Ano21, Ano24a, Ano24b, Ano24c, Bös00, Cha24, Cyt97, Daw24, Fes24, For88, GS24, Gru24, Hol21, Hop00, IH71, Kor24, LL70, LM24, Mar14, Mey24, Mös00, Pes97, PMR00, Por88b, Pos24, Pou91, Pou95, Pro24, Qua24, Ros24, Sev12, SBE<sup>+</sup>99, S<sup>+</sup>67, Spi24a, Spi24b, TWB11a, TWB11b, TWB11c, Tyl24, VN24, Wir99d, Wir00c, vdLN65]. **Wish** [Zim85].  
**within** [Wir64a]. **without** [Lin90, Old84].  
**Word** [BH86, Wir68a]. **Words** [Pes97, Sal79c, ST86]. **Working** [MLKK97c].  
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**Young** [CW82].

**Z** [Ree84]. **zahlreichen** [Wir96c]. **Zemanek** [SBE<sup>+</sup>99]. **Zimmerman** [Fin77]. **zur** [EMR91, JF87, Pom93, Wir94a]. **Zürich** [AC90] [GW00, Amm78b].

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