# A Bibliography of Publications by, and about, Sir Charles Antony Richard Hoare

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## Title word cross-reference

**#13753** [Pri79].

* [DJ83]. *i* [Bro76, FR75]. *k* [SD16]. *n* [Bro76, FR75].

**-safety** [SD16]. **-th** [Bro76, FR75].

**0** [Hor89]. **0-13-284027-8** [Hor89].

**10** [Hoa71a]. **11th** [Kap92, BJM09, GN12]. **14th** [HJKM14]. **16th** [AdA05]. **17th** [IEE76, Hoa86b]. **18** [Pri79]. **1971** [Hoa71a, HP72]. **1980** [HJ16, Hoa21b]. **1983** [ACM83]. **1985** [Hoa86b]. **1991** [GH92]. **1994** [Bro96]. **1999** [Ryd99].

**2.1** [Hoa66a]. **2.15s** [Hoa70b]. **2/WG** [MW08]. **2000** [HBS01, IEE00]. **2003**

[HW04]. **2007** [Mül10]. **2007/2008** [Mül10]. **2008** [LL08, Mül10]. **2011** [Hoa12a, Hoa12b]. **2013** [JN13]. **20th** [Cip00]. **25** [VT90]. **26th** [IEE02]. **28/29** [BD01].

**30** [HHH$^+$87a]. **33rd** [HP12]. **35** [Pet91]. **3rd** [IEE88].

**4.20** [Bar75]. **489** [FR75]. **4th** [WGF13].

**56** [Pri79]. **5th** [BF10].

**60** [HW66]. **63** [Hoa61a]. **64** [Hoa61b]. **65** [Hoa61c]. **68** [Hoa68a, Hoa68e, WTD$^+$69]. **6th** [BJM09].

**70th** [LWZ13]. **75th** [JL11]. **'76** [ACM76]. **7th** [dOSRS19].

**8** [Hor89]. **85th** [dOSRS19].

**'90** [BHL90, BK90, RNT90]. **'99** [Ryd99].

**A.** [Hoa68c]. **AADL** [ZLW$^+$19]. **AB21.3** [Krá66]. **Abrupt** [HJ00]. **Abstraction** [BNNN22]. **Abstractions** [JM21a]. **Academic** [Bar75, BF10]. **Acceptance** [EHP$^+$75a]. **Achievement** [Hoa12a, BO12, Hoa12b]. **ACM** [ACM83, HHH$^+$87a, Hoa12a, Hoa12b, HJ16, Hoa21b, LL08, Ryd99, Ash87, FR75, JM21c]. **Act** [Hoa00a]. **Ad** [WZX19]. **Ada** [FG84]. **adaptation** [Old83a]. **add** [Hoa86c]. **Addenda** [HW74]. **Address** [HH90e, Hoa91e, Hoa78e, Hoa90c, HH97c]. **addressing** [Hoa65a]. **adjunctions** [MHH91]. **Advanced** [Bro96, Mül10]. **Afternoon** [Dij82a]. **Ago** [McR97]. **Aided** [BGB12]. **AKA** [BJM09]. **Algebra** [BR21, HM19, Hoa92, Hoa93a, Hoa93b, Hoa95, Hoa96a, Hoa05b, Hoa05c, HSW19b, SSH99, Str21, vSH13, BJM09, GP94, HH93, HH90d, HH90e, HH92, HMSW09a, HMSW09b, HMSW11, HvS12a, HvSM$^+$14, HvSM$^+$16, HSW19a, Koz00]. **Algebraic** [Aic19, Gar95, HH87a, HH86a, Hoa87a, Hoa91a, HS94, HHS97, HJS00, HJKM14, DN13, GB96, HHBP90]. **Algebras** [BP03, But19]. **ALGOL** [WH66b, Hoa62b, Hoa63b, Hoa64c, HW66, Hoa68a, Hoa68e, S$^+$67, WH65, WH66a, WTD$^+$69, Hoa64a]. **Algorithm** [Bro76, FR75, GR96, Grü98, KP98, HH87a, NS77, Pri79, Pro95, VT90, Ver87, Bro76, Hoa61c, Hoa61a, Hoa61b]. **Algorithms** [Cip00, vd86, dH08]. **Always** [Pet91, VT90]. **Always-true** [Pet91, VT90]. **Ambiguities** [WSH77]. **Amir** [MP10]. **amp** [Hoa04b]. **analysing** [Nie87]. **Analysis** [FKMJ12, Hoa61d, RAR$^+$10]. **Annual** [IEE88, IEE02, ACM76, ACM83, IEE76]. **Answer** [Lew97, Thi06]. **Antony** [BO12, DRW00, Dij99, Fra02]. **application** [Hoa76a, HP12]. **Applications** [BJM09, EH89, HJ04, IEE02, Hoa10a, RNT90]. **applied** [HG88]. **Approach** [Grü98, Hoa89c, HHS93, Hoa05b, Hoa05c, Hoa71b, Hoa75c, Hoa76e, HHBP90,

HGRA89, Rid09]. **approaches** [BBF+05]. **April** [ACM83, BHL90, HJKM14]. **APSEC** [IEE00]. **architectures** [RNT90]. **arithmetic** [BT83]. **Art** [Bat76]. **Asia** [IEE00]. **Asia-Pacific** [IEE00]. **assembly** [NS06]. **assertion** [CSW89]. **Assertional** [Pet91, Sha93]. **Assertions** [Hoa00d, Hoa02j, Hoa02a, Hoa02i, Hoa02b, Hoa03a, Hoa03b]. **Assessing** [AO21, FG84]. **associated** [CSW89]. **Asymptotic** [GR96]. **asynchronous** [JHH89]. **asynchronously** [dB02]. **asynchrony** [HHJ90]. **Atlanta** [Ryd99]. **atom** [Hoa04b]. **atomic** [Win89]. **Aug** [EN74]. **August** [AdA05, BS76, Bro96, HP72, HBS01, IEE02, WGF13, Dij70]. **Author** [JM21d]. **authorization** [BN10]. **Automated** [BY92, BY96, Kap92, Sok87, CSW89, Kap92]. **automorphisms** [Hoa79]. **Auxiliary** [Kle99, vON02]. **Award** [Ash87, HJ16, Hoa21b, BO12, Hoa12b, Hoa12a]. **Axiom** [Cla79, Qia90]. **Axiomatic** [BT84b, Hoa69, HW72, HW73, HW74, Hoa83b, Hoa01a, Hoa02c, Hoa71b, Hoa74a, Hoa75c, Hoa76e, Hoa96e, Hoa96f, Hoa09]. **Axiomatics** [CK79]. **Axiomatization** [dH08]. **Axiomatizations** [CGH83].

**B** [Hor89]. **Based** [BT84b, KH82, Old81, BGB09]. **basic** [BHL+96]. **Basis** [Hoa61d, Hoa69, Hoa83b, Hoa01a, Hoa02c, Hoa81c, Hoa96e, Hoa09]. **Bazilevskii** [Bae65]. **BC** [LL08]. **be** [PJ89]. **Beach** [RNT90]. **Beauty** [FvGGM90]. **bedrock** [Chl13]. **before** [Hoa71a, Hoa86b]. **Behaviour** [Hoa12c]. **behind** [Hoa73c]. **being** [Dij82a]. **Belfast** [HP72, Hoa71a, Suf21]. **Best** [Cip00]. **better** [Hoa72g]. **Binary** [Lew97]. **Biographies** [JM21d, Wei88]. **Biographies/Index** [JM21d]. **Birthday** [FvGGM90, JL11, LWZ13, dOSRS19]. **Blocks** [Hoa11]. **Bonn** [BD01]. **Book** [Ano87, Bar75, Bar74, Hoa63a, Hoa64a, Hoa70a, Hoa70b, Hoa77a, Hor89, Llo74, Bro73]. **Boston** [ACM83]. **Bottom** [Hoa99]. **Bottom-Up** [Hoa99]. **Brian** [JL11]. **Broadcasting** [Bro88]. **Brooks** [McR97]. **Buffering** [Bro88]. **Business** [FvGGM90]. **Butterworths** [Hoa70b].

**C** [Ano87, Bae65, Bar75, Bar74, Bro73, Hoa70b, Hor89, Llo74, Ros94, FG84, HG88, Hoa90d, Hoa91c, Hoa91d, Ols97]. **C-MOS** [HG88, Hoa90d, Hoa91c, Hoa91d]. **C.** [ACH76, Dij70, Dij74, Dij75, Dij77, Dij82d, Dij82a, Dij82b, Dijxx, Hoa82b, JRW10, Shu09]. **CA** [AdA05]. **CADE** [Kap92]. **CADE-11** [Kap92]. **Calculi** [HvS12b, Old81, vSH13, HvS14, Kir82]. **Calculus** [Hoa81b, HSW19b, RWH01, WZX19, Hoa81a, HZ82, Hoa85b, HSW19a, Mil90, ZHR91, vKH95]. **Call** [dBH21]. **Call-by-Value** [dBH21]. **Calls** [Bri02, SLN07]. **can** [PJ89]. **Canada** [LL08]. **Card** [HS10]. **Cartesian** [SD16]. **Case** [Hoa64b]. **Categorical** [HH90a, HH90c, KN92, HH90b, Hoa90a]. **categories** [MHH91]. **Category** [Hoa89c]. **Causality** [HSW19b, HSW19a]. **causally** [SS95]. **causally-ordered** [SS95]. **CBE** [HW04]. **CCS** [HH10]. **CE** [GR97]. **Century** [Cip00]. **certification** [BGB09]. **Certified** [CSV07, NS06]. **Certifying** [CCC+17]. **Chain** [Grü98]. **Challenge**

[Hoa96i, Hoa03g, HM08, Hoa03h, Hoa05a, WBC+21]. **Challenges** [HM19, Hoa04e, HM05]. **Characterisation** [HS94]. **characterization** [Old83b]. **characterizations** [MS89]. **Charles** [BO12, Dij99, Fra02]. **chief** [Hoa70b]. **circuit** [Hoa90d, Hoa91c, Hoa91d]. **circuits** [HG88, HZ90, ZH92]. **CKA** [MH15]. **claims** [CSW89]. **class** [Dijxx]. **Classic** [Lew21]. **Classical** [FY21, Ros94]. **Clint** [ACH76]. **Closing** [HP94b, HP94a]. **Clothes** [Hoa81f, Hoa87c]. **Club** [Dij82a]. **Co** [ZLW+19]. **Co-modelling** [ZLW+19]. **code** [BGB09, BY92, BY96, CSV07, Hoa00b, NS06, Thi06]. **code-based** [BGB09]. **Coded** [Sun96]. **Coinitial** [Hoa79]. **collection** [Hoa74d]. **College** [JN13]. **Collusion** [Hoa07c]. **combinational** [Hoa91c, Hoa91d]. **Combining** [GP94, Chl13]. **Comm** [HHH+87a]. **Command** [EHP+75c, Hoa75b, Hoa76d]. **Comments** [EHP+75b, EHP+75c, Pet91, Pri79, S+67, VT90]. **commercial** [BY92]. **Communicating** [BHR84, Hoa78c, Hoa78a, Hoa78b, Hoa81b, HZ81, Hoa85a, Hoa86d, Hoa87a, Hoa02d, HO08, Hoa21a, KH82, OH86, EHT87, HH83, Hoa80b, Hoa80c, Hoa81a, Hoa81d, HZ82, Hoa83d, Hoa85d, Hoa91a, OH83, ZH81, dB02, AJS05, Hoa83c, Ano87]. **Communication** [Bro88, Hoa91b, Sil81, FHdR78, FHLdR79]. **communications** [Hoa93e]. **commute** [FM90]. **Comparing** [BBF+05, FG84]. **Comparisons** [KP98]. **Compensable** [Hoa07a, Hoa10c, BBF+05]. **compilation** [Hoa66c, HH92]. **Compiler** [HHS93, Hoa03e, Hoa03g, Hoa04f, BHW06, Hoa03f, Hoa03h, Hoa05a]. **compiling** [HHBP90, HH90d, HH90e]. **Complementary** [HL74]. **Complete** [CK79, DJ83, Old81, AMMO09, HH83]. **Completeness** [BT82c, Kir82, XSZ16, dBH21, BT82a, Gar95, Rod85]. **Complexity** [Hoa93c, dBH21, CK00]. **composition** [BBF+05, FM90]. **Compositional** [Hoo92, DHD97, SU07]. **computable** [BG01]. **computation** [Jac15, Nie87]. **Computations** [Gut19]. **Computer** [BGB12, HJ04, Hoa69, Hoa71a, Hoa73a, Hoa76a, Hoa83b, Hoa89c, Hoa01a, HBS01, Hoa02c, HJKM14, IEE76, IEE88, IEE02, Lew21, BJM09, DRW00, Hoa81c, Hoa86c, Hoa89b, Hoa96e, Hoa09, Hoa07b, Hoa70b]. **Computer-Aided** [BGB12]. **Computing** [ACM83, Dij82c, Hoa89a, Hoa96i, Hoa03g, Hoa04e, HM05, JL11, JN13, Pri79, Ano76, Hoa96d, HB98, Hoa03c, Hoa03h, Hoa05a, Hor89, ACM76]. **Concept** [Hoa74c, Hoa02e]. **CONCUR** [AdA05, AdA05, BK90]. **Concurrency** [BK90, But19, HM19, Hoa91b, Hoa10d, Str21, AdA05, CSA+96, DHD97, FHdR78, FHLdR79, HH05, Hoa90e, Hoa91e, HH97c, Hoa10e, Hoa13b, TDB13]. **Concurrent** [Bri02, HMSW09a, HMSW11, Hoa12c, Lam80, Sha93, Hoa08, HMSW09b, HHM+11, Hoa13c, HvSM+14, Hoa14, HvSM+16, Mil90, SNBD16, Sha06, Sti88, VHHS06]. **condition** [HH00, HM95]. **conditions** [SNBD16]. **Conference** [AdA05, BJM09, BF10, BD01, GN12, HP12, HJKM14, IEE00, IEE02, Kap92, MW08, Ryd99, Ano76, RNT90]. **conformance** [FHRR04]. **conjunction** [Hoa90e, Hoa91e]. **Connecting** [Gut19]. **conservation** [Hoa73b]. **considerations** [Pra76]. **consistency** [Gar95, HZ82]. **Consistent** [CK79, HL74]. **Constrained** [RWH01]. **Construction** [HBS01, GN12, vA98].

**constructors** [FM90]. **Constructs** [Cla79]. **context** [vA98]. **Continuations** [TT91, DN13]. **Contradiction** [Hoa78d]. **Contribution** [WH65, WH66a, WH66b, S+67]. **Contributions** [BD01, BD02, BD01]. **Control** [EHP+75c, Hoa93c, Hoa75b, Hoa76d]. **conversation** [DH94]. **Copy** [Old81]. **Copying** [vd86]. **Correct** [HHF+94]. **Correctness** [Ano07a, Ano07b, Hoa81b, HZ81, Hoa01b, Hoa02f, Hoa07b, Old84, BY92, CCC+17, Fok87, GB96, Hoa72f, Hoa75d, Hoa76f, Hoa81a, HZ82, HG88, HZ90, HH90d, HH90e, HH92, Hoa96g, SNBD16, VHHS06, ZH81, ZH92, dH08]. **Corrigenda** [HW74, HHH+87a]. **Corrigendum** [Hoa78c]. **cost** [Hoa76c]. **couple** [Hoa85b]. **courses** [Hoa76h]. **Crash** [CCC+17]. **crashes** [CCC+17]. **Created** [Lew21]. **Critic** [Lew97]. **Critique** [GM81, Hoa68a, O'D82]. **cryptographic** [BGB09, dH08]. **CSP** [AJS05, BR21, HH10, HM85, Hoa06b, LS84, May21, SH85]. **Cultures** [Hoa07c]. **CV** [Mis21]. **Cyber** [ZLW+19]. **Cyber-Physical** [ZLW+19]. **Cyclic** [BBC08].

**D.** [Dij77, Dij82d]. **Dahl** [Bar75, Bar74, Llo74, OKL04]. **Data** [BNNN22, HHS86, HH90b, Hoa68b, Hoa75a, Hoa90a, Hoa01b, Hoa02f, BT84a, Hoa72c, Hoa72f, Hoa75e, Hoa76f, HHS87, Hoa96g, HW11, LV96, Win89]. **data-parallel** [LV96]. **Database** [LL08, Qia90]. **databases** [RNT90]. **Dawn** [Day12a]. **Deadlocks** [SL97]. **decidable** [BT82b]. **Decisions** [HM19]. **decomposition** [Tak87]. **Dedicated** [JL11, LWZ13, Dij77, Dij82d, Dij99, dOSRS19, Dij82a]. **deduction** [Kap92]. **Deductive** [Bro96]. **Definition** [HW72, HW73, HW74, Hoa74a, Hoa96f]. **delivered** [Hoa71a, Hoa86b]. **Denotational** [Aic19]. **Dependable** [JL11]. **dependent** [NMS+08]. **Derivation** [vd86, Hoa90d, Hoa91c, Hoa91d, HHS97, HJS00]. **described** [PJ89]. **Design** [EHP+75b, HM19, Hoa73d, Hoa73e, Hoa73f, HH87b, Hoa87b, HJ91, HHS93, RWH01, Ryd99, Bro96, GH92, Hoa74b, Hoa74e, Hoa75b, Hoa76d, Hoa89b, Hoa96c, Hoa10a]. **designs** [Hoa90d, Hoa91c, Hoa91d]. **determinism** [HK80]. **Deterministic** [Mam16, dB02]. **Developing** [HM19]. **Development** [WH65, WH66a, WH66b, BHL90, S+67]. **Developments** [Hoa91b, HvSM+14, HvSM+16]. **dialog** [EHT87]. **did** [Hoa96b]. **Dijkstra** [Bar75, Bar74, Llo74, AH22, BFG+02, Day12a, FvGGM90, Hoa03d, Jac15]. **Directed** [Sil81]. **directions** [CSA+96]. **discipline** [Dij76, Hoa73a]. **disciplines** [Hoa73b]. **Discrete** [KH82]. **Discussion** [Ano07a, Ano07b, GH92]. **Discussions** [MW08]. **Distinguished** [Hoa12a, BO12, Hoa12b]. **Distributed** [JMS87, HH87a, MP88, RAR+10, Rid09, VT90, Ver87]. **Distribution** [GR96]. **Doctoral** [JM21e]. **does** [Hoa04d]. **Doha** [BJM09]. **DOM** [GSWZ08]. **domain** [FM90]. **Down** [Hoa99, Ols97]. **Draft** [Hoa68e, WTD+69]. **DSE** [HJR04b, HJR04a]. **durations** [ZHR91]. **Dynamic** [BNNN22, dB02].

**E.** [Pri79]. **ed** [Hor89]. **Edinburgh** [IEE88]. **Editor** [Pet91, Wel97]. **Editorial** [Hoa72a, Hoa94b]. **Editors** [Cip00]. **Edsger** [AH22, BFG+02, FvGGM90, Hoa03d, Hoa22]. **Effective** [CGH83, JM21a]. **Effects** [vON02]. **Efficient** [JH75]. **eighth** [ACM76]. **elected** [Dij82a]. **Elements** [Bro76, FR75, Pro95]. **Elliott** [Hoa62b, Hoa63b, Hoa64c]. **embedded** [NS06]. **Emeritus** [Anoxx]. **emperor** [Hoa87c, Hoa81f]. **Engeering** [IEE00]. **Engineering** [BHH+06, BD01, BD02, BP03, BGHH05, Day12a, Hoa78d, HBS01, Hoa02i, Hoa07c, Ano76, Hoa73a, Hoa75f, Hoa78e, Hoa83e, Hoa93e, Hoa96c, HB98, Hoa02j, Mül10]. **England** [IEE02]. **enriched** [MHH91]. **Envoi** [Hoa21c]. **Eratosthenes** [Hoa72e]. **Errata** [WH66b]. **Esprit** [BHL+96]. **Essays** [Hoa89a, JL11, LWZ13, MP10, OKL04, Ros94, Hor89]. **EUROCOMP** [Ano76]. **Europe** [BHL90]. **European** [Ano76]. **Event** [KH82]. **ever** [Hoa06b]. **Evolution** [vd86]. **exception** [CD82, Szc91]. **Exceptions** [PRH+99, JRH+99]. **exchange** [HHM+11]. **exclusion** [PJ89]. **executable** [HR84]. **exercise** [Dij89, HG88]. **Experiment** [Dijxx]. **Experiments** [HM08, MW08]. **Exploring** [MH15]. **expressed** [SH85]. **expressions** [Hoa64b]. **expressive** [Hoo91]. **Expressiveness** [BT82a, Old83a, Rod85]. **Extended** [Hoo92]. **Extending** [HJR04b, HJR04a, Hoo94]. **extensible** [Chl13]. **Extension** [BK90].

**F** [Dij77, Dij82d]. **fail** [BT82b]. **Fast** [MH77]. **Fault** [JMS87]. **Favorite** [Ker84, Ker81]. **FBCS** [BO12]. **February** [Hoa71a, HW04]. **Fellow** [Dij82a]. **Fifteen** [MS21]. **fifteenth** [ACM83]. **Fifty** [AO19]. **file** [CCC+17]. **final** [BHL+96, WTD+69]. **FIND** [Hoa71d, FKMJ12, Hoa61c, Pro95, KP98]. **Finding** [Bro76, FR75, JM21a]. **Fine** [Dij82d, Hoa10d, Hoa10e, Dij77, Hoa08]. **Fine-Grain** [Hoa10d, Hoa10e, Hoa08]. **Fine-Grained** [Dij82d, Dij77]. **First** [MW08, MS21, AJS05, Ash87]. **Fixed** [Hoa90b]. **Fixpoints** [Gut19]. **flitting** [Hoa04c]. **Florida** [RNT90]. **flow** [BBF+05, HW11]. **Floyd** [AMMO09, BÉ91, CSW89, Pra76, Yin11]. **Floyd-Hoare** [AMMO09]. **Follow** [Hoa00a]. **forecast** [Hoa83a]. **Foreword** [Hoa76b, Hoa94a]. **Form** [HHS93]. **Formal** [BGB09, BHH+06, HL74, Hoa87b, Hoa89b, LWZ13, OKL04, BHL90, Fok87]. **formula** [Dij99]. **Forty** [Hoa22]. **Foundations** [HMSW09b, IEE76, O'D82, HPGM93, HMSW11]. **Fourier** [MH77]. **Fractional** [Hoa04a]. **Frame** [Thi06]. **framework** [AMMO09]. **Framing** [BNNN22]. **France** [WGF13]. **Francisco** [AdA05]. **Free** [MH77, FHRR04]. **FREng** [BO12, HW04]. **FRG** [BHL90]. **FRS** [BO12]. **Function** [KN92]. **Functions** [CH72, Hoa72d, Hoa90b, ACH76]. **Future** [Lew21].

**Gap** [HP94b, HP94a]. **garbage** [Hoa74d]. **GC6** [HJR04b]. **General** [EHP+75b, AMMO09, Csi81, Hoa73b]. **generalization** [Sti88]. **generalized** [NH86]. **generative** [Chl13]. **generator** [HM95]. **Generic** [Hoa13a].

**genetically** [BCK+19]. **Geometry** [HSW19b, HSW19a]. **Georgia** [Ryd99]. **Germany** [Bro96, HP12, HJKM14]. **get** [Hoa96b]. **global** [Old84]. **Good** [Cla79]. **GOTO** [Lif84]. **GPU** [KI17]. **grail** [Hoa03c]. **Grain** [Hoa10d, Hoa08, Hoa10e]. **Grained** [Dij82d, Dij77]. **Grand** [Hoa03g, Hoa04e, HM05, HM08, Hoa03h, Hoa05a, WBC+21]. **grape** [Hoa04c]. **Graph** [PP12]. **Graphical** [WHO09, ZLW+19]. **graphically** [PJ89]. **graphs** [Hoa79]. **gratitude** [Dij77, Dij82d]. **Gries** [Sti88]. **Guarantee** [HM19]. **guards** [GP94]. **Guest** [Hoa72a, Hoa94b]. **guide** [Hoa70b].

**H** [Bro73]. **Hall** [Ano87, Hor89]. **Hamburg** [HP12]. **hand** [Hoa10b]. **handling** [CD82, Hoa65b, Hoa68f, Szc91]. **Hard** [Hoa00a]. **hardback** [Hor89]. **Hardware** [HP94b, HP94a, GH92]. **healthiness** [HH00]. **Hedges** [Str21]. **held** [BS76, Bro96, EN74, GH92]. **Help** [Hoa93c]. **Hemel** [Hor89]. **Hempstead** [Hor89]. **Hierarchical** [DH72, Dij71]. **hierarchies** [BS76]. **High** [Hoa73c, Hoa76c]. **Higher** [DJ83, Nau95, SLN07, TDB13]. **higher-order** [Nau95, SLN07, TDB13]. **highly** [VHHS06]. **highly-concurrent** [VHHS06]. **Hints** [Hoa73d, Hoa73e, Hoa73f, Hoa74b, Hoa75b, Hoa76d]. **Historic** [BD01, JL11]. **histories** [BGP11]. **Hoare** [Ano87, Bar75, Bar74, BO12, Bro73, Hor89, Pri79, dOSRS19, Ano07a, Ano07b, Anoxx, Apt81, AO19, AO21, AMMO09, AMO13, ACH76, Bae65, BGB12, BT82a, BT82b, BT82c, BT83, BT84b, BT84a, BK84, BCK+19, BÉ91, BGP11, CCC+17, CK79, CSW89, Chl13, Cla79, CGH83, Coe95, CK00, DH94, DJ83, DW84, DRW00, Day12b, DHD97, DN13, Dij70, Dij74, Dij75, Dij77, Dij82d, Dij82a, Dij82b, Dij89, Dij99, Dijxx, ED96, FY21, FM90, FKMJ12, Fra02, GSWZ08, GM81, GP94, GR96, Grü98, HV02, Hoa80a, Hoa82b, Hoo91, Hoo92, Hoo94, HGRA89, HJ00, Jac15, JRW10, Jon21, JM21f, Kir82, KP98, Kle99, KN92, KI17, Koz00, Krá66, Lam80, LS84, Llo74, Mam16, MP88, NMB06, NMB08, NS77, Nie87, Nip02, O'D82, Old81, Old83b]. **Hoare** [PP12, Pra76, Pro95, RWH01, Rod85, Ros94, SU07, SNBD16, Shu09, S+67, Sok87, SD16, Sti88, Sun96, Szc91, Tak87, TDB13, Wan76, Wan78, Woo21, XSZ16, Yin11, dB02, dBH21, dH08, vH85, vO01, vON02]. **Hoare-calculi** [Kir82]. **Hoare-like** [BT82b, Nie87, Old81, Szc91]. **Hoare-Logic** [DJ83]. **Hoare-Style** [PP12, DHD97, DN13, SNBD16, TDB13]. **Hoares** [Apt84]. **Hoc** [WZX19]. **HOL** [vO01]. **holy** [Hoa03c]. **honour** [DRW00, Ros94]. **horizons** [HJR04b, HJR04a]. **horizontal** [DW84]. **Houston** [IEE76]. **Hrsg** [Bro73]. **Hybrid** [Fos19].

**ICCSW'13** [JN13]. **idea** [Fet88]. **Ideal** [Ano07a, Ano07b, Hoa07b, Hoa06a]. **Ideas** [Lew21]. **If** [Lew97]. **IFIP** [MW08]. **Ignore** [Wel97]. **II** [Apt84, BHL+96, EHP+75b, HH86c]. **III** [HBS01, EHP+75c]. **Impact** [AO21]. **imperative** [NMS+08]. **Imperial** [JN13]. **Implementation** [EHP+75a, EHP+75b, EHP+75c, Ryd99]. **implementations** [Hoa82a]. **Impossible** [Cla79]. **Imprecise** [PRH+99, JRH+99]. **Inadequacy** [BG01]. **inaugural** [Hoa71a, Hoa86b]. **inclusion** [BK84]. **Incompleteness**

[Wan78, Wan76]. **Incomputability** [HA72]. **increasing** [Hoa90b]. **independent** [vA98]. **Index** [JM21d]. **indirect** [Hoa65a]. **inductive** [CSW89]. **Industrial** [BF10]. **Inform** [Pet91, San05, VT90]. **Infotech** [Bat76]. **initiative** [HMLS09, HMLS21]. **Inmos** [May21]. **Inner** [But19]. **input** [Hoa63b]. **input/output** [Hoa63b]. **inputs** [XSZ16]. **Insecurities** [WSH77]. **Institute** [Bro96]. **Intelligent** [BHH+06]. **Intensive** [BGHH05]. **interesting** [Hoa00c]. **interface** [MH15]. **interfaces** [BS76]. **International** [AdA05, Ano87, BJM09, BHL90, BF10, GN12, HP12, HJKM14, Hor89, IEE02, Kap92, dOSRS19, RNT90, WGF13, BS76, EN74]. **Interpretation** [KN92]. **Interpreting** [Mil90]. **Interview** [Fra02, JM21c, Shu09, BO12]. **Introduction** [Hoa77b, Sha93]. **introductory** [Hoa76h]. **invariance** [Pet91]. **invariant** [Pet91, VT90]. **invariants** [BG01]. **Invention** [Pri10]. **invited** [AJS05, Hoa00b, Hoa06a]. **Ireland** [HP72]. **Iris** [Hoa04c]. **Isabelle** [Fos19, vO01]. **Isabelle/HOL** [vO01]. **Isabelle/UTP** [Fos19]. **ISBN** [Hor89]. **Isn't** [Ols97]. **Issue** [HM21, HM09]. **Item** [DDG+70]. **Iteration** [BÉ91].

**J** [Bar75, Bar74, Llo74, Pri79]. **J.** [Dij77, Dij82d]. **Jackson** [Hoa10a]. **Java** [HJ00, Lew97, Ols97, RWH01, SL97, vO01]. **Jifeng** [LWZ13]. **Johan** [OKL04]. **Jones** [Hor89]. **Journal** [Hoa07b]. **JSD** [SH85]. **July** [AJS05, BS76, Bro96, HBS01, IEE88, Dij74]. **Jumps** [ACH76, CH72]. **June** [BD01, GN12, HP12, Kap92, LL08].

**KDF9** [Hoa64a]. **Kernels** [KI17]. **Key** [HH97c]. **Keynote** [Hoa90c, HH90e, Hoa91e, Hoa78e]. **Kiel** [BHL90]. **King** [Hoa03c]. **Kingdom** [Hor89, JN13]. **Kleene** [BJM09, BJM09, HMSW09a, HMSW09b, HMSW11, HvSM+14, HvSM+16, Koz00]. **knights** [Hoa03c]. **Knuth** [Dij77, Dij82d].

**Language** [CK79, Cla79, DJ83, EHP+75b, HW72, HW73, Hoa73d, Hoa73e, Hoa73f, HW74, HMM05, Ker84, Ryd99, Hoa72g, Hoa74a, Hoa74b, Hoa75b, Hoa76d, Hoa89d, HHBP90, Ker81, Sti88, Szc91, BS76, Hoa96f]. **Languages** [EHP+75a, EHP+75b, EHP+75c, FG84, HL74, HS85, BT84a, HH90a, Hoa68d, Hoa70b, Hoa73c, Hoa76c, HH90c, SU07, Hoa70b]. **LASER** [Mül10]. **Lauer** [GM81]. **law** [Hoa73b, HHM+11]. **Laws** [HHH+87a, HHH+87b, HHJ+92, Hoa93c, HvS12b, Hoa13a, Hoa13b, Hoa14, RH86, HvS14, RH88]. **LCF** [Sok87]. **Learning** [Hoa02h]. **lecture** [Hoa71a, Hoa86b, Hoa07b, Hoa21b]. **lectures** [Mül10, Ash87]. **Legacy** [AH22, Hoa00b, Hoa01c]. **Let** [Hoa90c]. **Lett** [Pet91, VT90]. **Letter** [Dij70, Hoa66a, Hoa68c, Hoa82b, Pet91, Dij74, Dij75, Dij82b]. **Letters** [GR97, McR97, Ols97, SL97, Wel97]. **level** [Hoa68b, Hoa73c, HHBP90, SU07]. **Life** [AH22, JM21f, Hoa00c]. **Like** [HV02, BT82b, Hoa04d, LV96, Nie87, Old81, Old84, Szc91, Old83b]. **Limitations** [Hoa68d]. **linear** [AMO13]. **linearisable** [VHHS06]. **linearizable** [SNBD16]. **Linking** [HH97a, HH99a, HH05]. **List** [Jon21, vd86].

**List-Copying** [vd86]. **Local** [GSWZ08]. **locality** [HHM+11]. **Logic** [Apt81, AO21, BNNN22, BT82c, BT84b, BÉ91, BP03, DJ83, FY21, HV02, HS85, HO08, HSW19b, HJ00, IEE88, Kle99, KN92, KI17, Lam80, LS84, Mam16, Pri10, Sok87, dBH21, vON02, Apt84, AO19, AMO13, BN10, BT82a, BT82b, BT83, BT84a, BK84, BCK+19, BBC08, CCC+17, Chl13, Coe95, CK00, DW84, Day12b, ED96, GP94, HG88, Hoa96c, HH01, HSW19a, Hoo91, Hoo94, HGRA89, Koz00, MP88, Old83b, Pra76, Rod85, SU07, SSH99, SD16, Sti88, Sun96, Tak87, TDB13, WHO09, XSZ16, Yin11, dB02, dH08, vO01]. **Logics** [BGB12, CGH83, Nip02, O'D82, AMMO09]. **London** [AJS05, Ano76, Ano87, Bar75, JN13]. **Long** [BHF05]. **Long-Running** [BHF05]. **loop** [BG01]. **love** [Hoa02h]. **low** [SU07]. **low-level** [SU07].

**M** [Hoa70b]. **M.** [ACH76]. **M1** [Bro76, FR75]. **Machine** [Hoa61d, BY92, Hoa04d]. **Machines** [Baz63, Pri10, Bae65]. **Madrid** [GN12]. **mail** [HH86a, HH87b, HJ91]. **make** [Hoa90c]. **Making** [Dij82d, Dij77]. **management** [HM72a, HM72b]. **mandatory** [SLN07]. **Manifesto** [HMLS21, HMLS09]. **manipulation** [Hoa68g]. **manual** [Spi89]. **March** [HW04, RNT90]. **Marienstatt** [HJKM14]. **Markov** [Grü98]. **Marktoberdorf** [BS76, Bro96, HBS01]. **Massachusetts** [ACM83]. **Mathematical** [Bae65, Baz63, HS85, Hoa93c, Hoa96d, Day12b, Hoa81c]. **Mathematics** [GN12, Hoa86a, Hoa93c, Hoa85c, Hoa86b]. **Maths** [Hoa86c]. **Matrix** [JH75]. **May** [HJKM14, Ryd99, VT90]. **means** [Fok87]. **mechanically** [HM95]. **mechanism** [CD82, Szc91]. **Mechanized** [GH92, dH08]. **Meeting** [Hoa99, GH92, Hoa93e]. **members** [Hoa66a]. **memoriam** [BFG+02]. **Memory** [MP10, OKL04]. **men** [Hoa73h]. **menu** [EHT87]. **menu-dialog** [EHT87]. **Message** [Hoa12a, Hoa12b, SS95]. **message-passing** [SS95]. **metaprogramming** [Chl13]. **Method** [Hoa61d, JH75, NS77, Pri79]. **Methods** [BHH+06, BJM09, Hoa87b, HJKM14, LWZ13, OKL04, Wel97, vON02, BHL90, CSW89, Hoa89b, SLN07]. **Miami** [RNT90]. **Michael** [HW04, Hoa10a]. **Microcomputer** [EM81]. **microprocessor** [BY92, BY96]. **microprograms** [DW84]. **Microsoft** [DRW00]. **Middle** [Hoa99]. **Millennial** [DRW00]. **Mind** [Ros94]. **Minority** [DDG+70, WTD+69]. **Mobile** [WZX19]. **modality** [Win85]. **Model** [EHT87, HH99b, GB96, HH83, Hoa80b, Hoa80c, Hoa81d, HZ90, HJ99, MH15, NH86, SLN07, XSZ16, ZH92]. **modelling** [ZLW+19]. **Models** [BP03, Hoa93b, Hoa12c, Hoa13a, RWH01, Hoa90c, Hoa92, Hoa93a, Hoa95, Hoa96a, Hoa96d, HW11, Hoo91, WHO09]. **modern** [Hoa02j]. **modified** [BCK+19]. **modifying** [BN10, CSV07]. **Modular** [SLN07]. **Monadic** [Mam16, Jac15]. **monads** [Jac15]. **Monitor** [Wel97]. **Monitors** [Hoa74c, Hoa02e]. **MOS** [HG88, Hoa90d, Hoa91c, Hoa91d]. **MPC** [GN12]. **MR** [Pri79]. **Multiple** [Pro95]. **Multiprocessors** [EH89]. **mutual** [PJ89]. **My** [Ker84, Ker81].

**Name** [Cip00]. **NanoJava** [vON02]. **NATO** [Bro96, HBS01]. **natural**

[BT82b, SU07]. **Needham** [HW04, HJ04]. **Net** [Hoa12c]. **Nets** [HP12]. **network** [HM85, MH85]. **Networks** [EM81, WZX19, dB02]. **Neuhold** [Pri79]. **Newnes** [Hoa70b]. **Newnes-Butterworths** [Hoa70b]. **News** [DDG+70]. **No** [Bar75, HHH+87a, Pri79]. **non** [HK80, SNBD16]. **non-determinism** [HK80]. **non-linearizable** [SNBD16]. **Nondeterminism** [Apt84, Nip02, FHdR78, FHLdR79, KH80]. **Nondeterministic** [Mam16, HGRA89]. **nonstandard** [HGRA89]. **Normal** [HHS93]. **Northern** [HP72]. **notation** [Spi89]. **Note** [Hoa72b, Krá66, CK00, Hoa65a]. **Notes** [Dij72, Hoa72c, Hoa83d, Hoa85d, Hoa86d, Hoa89c]. **notion** [Old83a]. **novelties** [Hoa85b]. **November** [BJM09]. **Novosibirsk** [EN74]. **NY** [Kap92]. **nye** [Kho89].

**O** [Bar75, Llo74]. **O.** [Bar74]. **O.-J** [Bar75, Llo74]. **Object** [Hoa12c, OKL04, BY96, NH86]. **Object-Orientation** [OKL04]. **objectives** [Hoa72d]. **Objects** [HH99b, HJ99, SNBD16, VHHS06]. **Obtain** [Cla79]. **occam** [Hoa91f, May21, RH86, RH88]. **Occasion** [JL11, LWZ13, AJS05, Dij82a, dOSRS19]. **OCL** [RWH01]. **OCL-Constrained** [RWH01]. **October** [GH92, Hoa86b, IEE76, MW08, dOSRS19]. **Oh** [Wei88]. **Old** [Hoa81f, Hoa87c]. **Ole** [OKL04]. **Ole-Johan** [OKL04]. **one** [Mil90]. **Online** [Gra21]. **Open** [Hoa82b, Dij75, Dij82b]. **Operating** [Bro73, Hoa72d, Hoa74c, HM82, Hoa02e, Hoa76g, HP72]. **Operational** [Aic19, HS94, vSH13, HH93, HHS97, HJS00, Rid09]. **Operations** [Pri10]. **optimisation** [JTH01]. **Optimization** [Hoa74d]. **Orchestration** [HMM05]. **order** [MS89, MHH91, Nau95, SLN07, TDB13]. **ordered** [SS95]. **Ordering** [Dij71]. **Orientation** [OKL04]. **Oriented** [OH86, OH83]. **Origin** [Bri02]. **Original** [BD01]. **our** [FvGGM90]. **Outer** [But19]. **output** [Hoa63b]. **Overview** [Hoa87b, KNM94]. **Owicki** [Sti88]. **Oxford** [DRW00, IEE02, Hoa86b, Suf21].

**Pacific** [IEE00]. **pages** [Bar75, Ano87]. **paging** [Hoa73g]. **Paper** [GM81, Pri79]. **Papers** [Lew21, MW08, Ano76, WGF13, AJS05]. **parable** [Hoa74e]. **Parallel** [Hoa72h, Hoa75c, Hoa76e, HPGM93, HH97b, Hoa02g, Hoa80d, LV96, RNT90]. **parameters** [Hoa71b]. **PARBASE** [RNT90]. **PARBASE-90** [RNT90]. **Paris** [WGF13]. **PART** [BF10, HM72a, HM72b, Ano76, Apt81]. **Partial** [HZ81, HG88, KN92, ZH81]. **Partition** [Hoa61a]. **PASCAL** [HW72, Hoa74a, Old84, FG84, HW73, Ker81, Ker84, Old83b, WSH77, HW74]. **PASCAL-like** [Old84, Old83b]. **pass** [Hoa66c]. **passing** [SS95]. **Peano** [BT83]. **peeled** [Hoa04c]. **Perrot** [Bro73]. **Personal** [Dij82c, Hoa91f, Hoa02a, Hoa03b, Hoa96j]. **Perspective** [Aic19, Dij82c, Hoa02a, Hoa03b, JaJ00]. **perspectives** [DRW00]. **Peter** [Hoa70b]. **Petri** [HP12]. **Physical** [ZLW+19]. **pictures** [Dij99]. **Pioneers** [BD01, BD02, Wei88, BD01]. **PL** [Hoa66b]. **PL/I** [Hoa66b]. **Playing**

[JTH01]. **PLDI** [Ryd99]. **Pnueli** [MP10]. **PODS'08** [LL08]. **Pointers** [HH99b, HJ99, NS06, Thi06]. **points** [Hoa90b]. **policies** [BN10]. **Polymorphism** [NMB06, NMB08]. **Port** [Sil81]. **Porto** [dOSRS19]. **Portugal** [dOSRS19]. **posledovatel′** [Kho89]. **possess** [BT82b]. **possible** [TT91]. **possible-world** [TT91]. **power** [FM90]. **powerdomains** [Win85]. **pp** [Pet91, VT90]. **Practical** [BR21, Sha06, Hoa70b, JTH01]. **Practice** [BF10, Hoa02i, Hoa02j]. **praise** [HvS12a]. **Pre** [MHH91]. **Pre-adjunctions** [MHH91]. **Predicate** [Hoa78f, Nau95, Dij82a]. **predicates** [Dij82a, HR84, Hoa84b, Hoa85e, Hoa93d]. **Preface** [Hoa86e, Hoa96e, Hoa96f, Hoa96g, Hoa96h, HM09, HM21, JM21b, Hoa96f]. **Prentice** [Ano87, Hor89]. **Prentice-Hall** [Ano87, Hor89]. **presence** [CCC+17]. **Presentation** [BO12]. **Presentations** [Bae65]. **presented** [Ano76]. **Prespecification** [HH85, HHS87, HH86b, HH86c, HH87c]. **Press** [Bar75]. **Price** [Bar75, Hor89]. **Principles** [LL08]. **Probabilistic** [BGB12, HV02, WCF+19, HH97a, HH99a, dH08]. **problem** [CSW89]. **problems** [PJ89]. **Procedure** [Bri02]. **Procedures** [DJ83, Hoa71b, Nip02, Fok87, Old83b, Old84]. **Proceedings** [ACM76, HP72, HBS01, Bro96, DRW00, IEE88, ACM83, AdA05, BJM09, BF10, GN12, HP12, HJKM14, IEE00, LL08, Ryd99, BHL90, Kap92, dOSRS19, RNT90]. **Process** [BR21, GP94, Hoa05b, Hoa05c, HvS12b, Pet91, VT90, HvS14]. **Processes** [BHR84, Dij71, Hoa78c, Hoa78b, Hoa81b, HZ81, Hoa85a, Hoa87a, Hoa02d, HO08, Hoa21a, KH82, OH86, AJS05, EHT87, HH83, Hoa78a, Hoa80b, Hoa80c, Hoa80d, Hoa81a, Hoa81d, HZ82, Hoa83d, Hoa91a, HHM+11, JHH89, OH83, ZH81, dB02, Hoa83c, Ano87]. **processing** [HPGM93]. **ProCoS** [HHBP90, BHL+96]. **produce** [Hoa04a]. **profession** [Hoa83e]. **Professionalism** [Hoa81e]. **Professor** [DRW00, Dij70, HJ16]. **Program** [Ano07a, Ano07b, ACH76, BNNN22, CH72, Fet88, Hoa71d, Hoa75d, Hoa87b, Hoa07b, HJ00, vA98, vd86, BK84, BBC08, Bro96, Chl13, Csi81, DH72, FH71, GN12, Hoa71c, Hoa72e, Hoa02b, MS89, NS77, Pri79]. **Programmers** [Hoa93c]. **Programming** [Bat76, Bri02, CK79, Cla79, DDH72, EN74, FG84, Hoa69, HW72, Hoa72h, HW73, Hoa73d, Hoa73e, Hoa73f, HW74, HL74, Hoa83b, Hoa83e, Hoa84a, HS85, Hoa86a, HHJ+92, Hoa93c, Hoa94c, Hoa97, HH97b, HH98, Hoa99, Hoa01a, Hoa02c, Hoa02i, Hoa02g, HvS12b, Hoa13a, JM21f, KPH76, Ker84, LWZ13, O'D82, Pri10, Ryd99, WGF13, Woo21, BT84a, Chl13, Dij72, Dij76, HH90a, HH97a, HH99a, Hoa64c, Hoa70b, Hoa72g, Hoa73a, Hoa73c, Hoa74a, Hoa74b, Hoa75b, Hoa75c, Hoa76c, Hoa76d, Hoa76e, Hoa76h, Hoa80a, Hoa81c, Hoa85c, Hoa86b, HHH+87a, HHH+87b, Hoa89d, HHBP90, HH90c, Hoa96f, HH01, Hoa09, Hoa13b, Hoa13c, Hoa14, HvS14, Ker81, NS06, dOSRS19, RH86, RH88, SSH99, Bar74, Hoa96e, Bar75, Llo74]. **programmirovanie** [DDH75]. **Programs** [BT84b, Csi81, GM81, HV02, HR84, Hoa84b, Hoa85e, Hoa93d, JMS87, Lam80, NN19, PP12, BT82b, BY92, CSW89, Hoa82a, Hoa86c, Hoa08, HGRA89, LV96, Lif84, NMS+08, Nau95, Nie87, Old83b, Old84, SLN07, Sha06, SS95, Yin11]. **Progress** [Gut19]. **Project** [HM08, BHL+96, MS21]. **Proof**

[FH71, Hoa71c, Hoa71d, Hoa72f, Hoa72e, Hoa76f, Hoa96b, Hoa01b, Hoa02f, JMS87, Sok87, DHD97, Fok87, HH87a, HH86a, HH87b, HJ91, KNM94, Nie87, VT90, Ver87, Hoa96g]. **Proofs** [BGB12, Hoa87a, BGB09, BY92, BY96, BBC08, Gar95, Hoa75d, Hoa91a, LV96, Sha06, dH08]. **Properties** [Hoa78f, HH86a, SD16]. **Proposal** [Krá66, HW66]. **propositional** [CK00, Hoa85b]. **Prospects** [Hoa72g]. **Protocols** [HZ81]. **prototyping** [HHBP90]. **protsessy** [Kho89]. **Provably** [HHF+94]. **proves** [HH90d, HH90e, HH92]. **Proving** [ACH76, BK84, CH72, VHHS06, CSW89, Hoa10b]. **Publications** [Bae65, Jon21]. **purpose** [Hoa72d].

**Qatar** [BJM09]. **quality** [Hoa72a]. **Quantum** [FY21, Yin11]. **Quasiparallel** [KPH76]. **Queen** [HP72, Hoa71a]. **quest** [Hoa03c]. **Question** [Lew97]. **questions** [Rod85]. **queueing** [Hoa73b]. **quick** [Pri79]. **quick-sort** [Pri79]. **Quickselect** [Pro95]. **Quicksort** [JaJ00, FH71, FKMJ12, Hoa61b, Hoa62a, Hoa96h, NS77].

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