

A Bibliography of Publications of *Alston Scott Householder*

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Abstract

This bibliography records publications of Alston Scott Householder.

DBG⁺13, DTZ96, EG02, FYZ08, FIY15, He11, Hec95, KI17, KYP13, LMM96, MOHvdG15, MOHvdG17, MVC⁺16a, MVC⁺16b, MVC⁺18, MB84, MYZ12, OW90, Rol90, RZ99, SEAA08, VM03a, VM03b, XWW07, YFS21]. *QS* [Str09b, Str09a]. *SR* [AB12, SAA09, SAAE08, SAA14]. *U(N)* [IKV06, IKV07]. φ [Gu83]. *VGMRES(m)* [Xu00]. *WY* [BV87, Pug92, SV89].

Title word cross-reference

\$0.65 [P.71]. **\$0.65.** [Rhe72]. 1 [Rol90]. **\$10** [Hou63b]. **\$12.50** [Hou44a, Hou63c]. **\$17.00** [Hou60a]. 2 [Rol90]. **\$2.50** [Hou47b]. 3 [LSA13, WZBW18]. **\$3.00** [P.71, Rhe72]. **\$4.00** [I.75]. **\$6** [Nel54]. ³¹ [PVB⁺92]. *J* [SB16, dRMP12]. *L₂* [Yan89]. *L_∞* [Yan89]. Λ_S [MPT12]. *LS* [EVZP99, EVZP00, RT96]. *M* [FH59]. **G** [MMT04]. *N* [DZY18, Hou42d]. *qd* [Hou71e]. *QL* [RH99]. *QR* [BDG⁺14a, BDG⁺15, BM85, CM97, CH97, CH98a, CH98b, DHHR08, DHHR09,

-D [LSA13]. **-decomposition** [KI17]. **-Dimensional** [DZY18]. **-Hessenberg** [SB16]. **-like** [SEAA08]. **-matrices** [FH59]. **-reflectors** [MMT04].

10th [KM91]. **11/27/1978** [BGHS79]. **135** [Sch69]. **16th** [Hou79]. **17th** [HWG98]. **190** [CM08]. **1955** [Hou56d, Hou56k]. **1956** [Hou56e]. **1957** [Hou59b]. **1958** [Hou59b].

1964 [HC54, HC65]. 1967 [DH69]. 1972 [Ano72]. 1997 [HWG98]. 19th [Hou79].

2007 [SM07]. 2009 [May09].

3 [Gu83]. 34 [H.70]. 34- [H.70].

4/21/1909 [BGHS79]. 48 [Ber90].

60 [BHO⁺67, GHL67]. 63-2 [New65].

83b [Gu83]. 860 [Zhu92]. '88 [ML88].

A. [Hou61a, P.71, Rhe72, Ste79]. **Absolute** [BH61]. **Abstracts** [CG93, Bau74].

Accelerating [YL12]. **Acceleration**

[MVC⁺16b, MVC⁺18]. **accommodation**

[Hou44c]. **Accumulating** [JLQO⁺06].

Accuracy [LL97a]. **accurate** [pWqSmZ14].

Achieving [MVC⁺16a]. **ACM** [Hou56k].

acoustic [HCB15]. **active** [Hec95]. **activity**

[Hou41c, Hou41d, Hou41e, Hou42d].

Actualités [Hou35]. **adaptation**

[Luo00, dCWA02]. **Adaptive**

[Att05, JA14, LS09, Att06, Cio90, Dou00,

RT96, WZ18, YSLZ13]. **Addition** [Hou42b].

Address [Hou56k, Hou57c]. **Adjacent**

[DHWZ09]. **adjustment** [BL70]. **Advanced**

[CH34a, CH34b, DH74, DH34, DH35a,

NH66, RCH35, RH37, SGGH35]. **Advances**

[Hou41a]. **again** [Hou74d]. **age** [Hou49a].

Alamos [Ano72]. **albumin** [PVB⁺92].

Alfred [Hou42a]. **Algebra**

[Ano72, Bau74, CG93, DH69, HHOT94,

Hou72b, WR71, Hou72a, Hou73b, Hou75a].

Algebraic [Hou54b, HA71, Wil60, CLF10,

Hou51b, May09, SEAA08]. **Algèbre**

[Hou61a]. **ALGOL**

[BHO⁺67, GHL67, BG67, Nof10].

Algorithm [Att05, Ber90, BS91, Bow11,

BKK18, DZY18, FIY15, HL69, Hou70f,

IADM⁺10, LMV18, MVC⁺16a, MVC⁺16b,

MVC⁺18, MM94a, MM94b, VM03a, VM03b,

AMACH00, Att06, Bro87, BKK17, CRPZ92,

Cui13, Dry92, Hec95, Hou71a, Hou71c,
Hou71e, Hou73c, Hou74a, HD91, KCN99,
LXYW09, LY90, LHY92, LL97b, MS76,
MS78, MYZ12, RH99, RS05, RT96, SAS10,
SAW98, WWX07, Xu00, YJ01, Yu91, YH11].

Algorithms [CB90, DTLD15, HDT⁺15,

PR87, RT08, YFS21, DWA99, CB89, Dub88,

HD95, LWZZ16, Liu93, NO97, OW90, PR89,

SAA14, TLHY92, dCWA02]. **Algorithmus**

[Dry92]. **AllReduce** [MYZ12]. **Alston**

[Fra72, Gre72, Hay66, Nel54, Var66, Ano69,

Ano73, Ano77a, Ano77b, Ano78, Ano80,

Ano83, Ano86, Ano95, CV94, I.75, Mer70,

OR99, H.S73, Ste93, Wil75a, Wil78, Wil75b,

Wil75c]. **am** [Bau74]. **AMP** [PVB⁺92].

analogues [MMT04]. **Analyse** [Hou63a].

analyses [Ger84]. **Analysis**

[ABS⁺07, BS91, CH23, FIY15, Hou51a,

Hou53d, Hou55d, Hou56b, Hou56b, Hou63d,

Hou64b, Hou64d, Hou75c, Hou79, Hou06a,

Hou06c, Ort62, Ort63, P.71, YFS21, Ger84,

HWG98, HY40, Hou47b, Hou56f, Hou69,

Hou70c, Hou74e, KI17, KZ76, MS76,

MYZ12, RS05, SAA09, Sca74, YH41,

Hou60a, Hou63c, I.75, Dur54, Fle55, For54,

Goh54, Hay66, Hou57b, Nel54, Var66].

Analyzing [Hou50c]. **Angeles** [HFG51].

Announcement [Ano83, Ano86, Ano95,

Ano98a, Ano98b, Ano98c]. **Annual**

[HC54, HC65]. **anodal** [Hou43a]. **Antenna**

[XWW07]. **anti** [WWK04a, WWK04b].

anti-jamming [WWK04a, WWK04b].

Anwendungsgebiete [Sch70, Sch69]. **Appl**

[CM08]. **applicability** [AAHVR17].

Application

[Hou56b, Kau79, CLF10, LY90, RS86a].

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LMV18, GBCW89, Hou68e, LWZ90, LL97b,

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[PR68b, PR68a, PR69]. **Approach**

[EJ23, FYZ08, Hou49b, SM13]. **approaches**

[SEAA08]. **approximants** [Pet13].

Approximate [Hou58a, Rus18, Hou60a].

Approximation [HY38, Yan89]. **Approximations** [HHW55]. **April** [Hou73a]. **ara** [PVB⁺92]. **ara-AMP** [PVB⁺92]. **Arbitrary** [ABS⁺07, IV07, IKV06, IKV07, IV08]. **Architecture** [MVC⁺16a, MVC⁺16b, MVC⁺18, KYP13, PSS97, SAS10]. **Architectures** [VM03a, VM03b, TLHY92]. **arise** [DH55]. **Arithmetic** [KM91]. **ARM** [YL12]. **Arnold** [Hou40e]. **Arnoldi** [Bag08]. **array** [TLT91, TLHY92]. **arrays** [TLT91]. **arrival** [HCB15]. **article** [Gu83]. **articles** [Wil75b]. **Ashby** [Hou53a]. **Aspects** [DH69, HA37, SAA09]. **associated** [CLF12, RMP18]. **associative** [LC91]. **Augmented** [Bag08]. **August** [Hou59b]. **Authors** [P.71, Hou69, Hou70c]. **Auto** [TW16]. **Auto-Encoders** [TW16]. **automata** [Hou63b]. **Automatic** [FIY15, Sch69, Sch70]. **aux** [Hou59a]. **Available** [P.71, Rhe72]. **Award** [Ano77a, Ano83, Ano86, Ano95, Ano98a, Ano98b, Ano98c, Ano98d, Ano78, Ano80, Wil75a, Ano69, Ano73, H.S73, Wil78, Ano77b]. **axial** [Hou42c].

B [H.70, Sch70]. **B4** [Kor15]. **Backward** [MYZ12]. **balanced** [FD87]. **Band** [Rei67, Sch69, Sch70, Wan87]. **Banded** [Irv11, Irv12, CK02]. **banks** [KKM⁺96]. **Based** [BS91, BKK18, DHWZ09, IADM⁺10, JZZ08, LZ12, Pug92, RT08, RGPH16a, RGPH16b, XWW07, AMACH00, ABS⁺07, Att05, Att06, BKK17, Cui13, DV00, DV03, HCX12, HMA18, HZLW10, HCB15, Kor15, KYP13, LWZZ16, LXYW09, Liu93, LSA13, NO97, RDB05, RT96, SAS10, SL06a, SL06b, Suz15, WWX07, WZ18, WWK04a, WWK04b, Wri06, pWqSmZ14, YSLZ13, YH11, ZL10]. **Basis** [SH50, WZBW18, SH51]. **Batched** [DTLD15, HDT⁺15]. **Bauer** [Sch69, Sch70, MB96]. **Bayesian** [Ger84, Kor15]. **beamformer** [Kor15]. **beamforming** [YSLZ13]. **Behavior** [Hou51a, Hou63b]. **Belge** [Hou63a]. **Benster** [Hou60a]. **Berechnung** [Hes42]. **Berücksichtigung** [Sch69, Sch70]. **besonderer** [Sch69, Sch70]. **best** [Yan89]. **between** [SAA14]. **Bezoutians** [Hou70a]. **Bi** [Str09a, Str09b]. **Bi-SVD** [Str09a, Str09b]. **Bibliography** [Hou55d, Hou56h]. **Bidiagonalization** [LS09, PSS97, SL06a, SL06b, YL12]. **bidirectional** [LC91]. **Biennial** [HWG98]. **Bigradients** [Hou68a, HS69b, Hou74a, Hou68b, Fra72, Gre72]. **Binary** [HS58]. **binocular** [Hou47b]. **Biochemistry** [Hou44a]. **biological** [WH41]. **biology** [Hou49b, Hou41a]. **Biophysics** [Fit46, HL44, Rei47, Ski46, Hou41b, Hou46]. **bisection** [Her83]. **Bisektion** [Her83]. **BLAST** [JZZ08]. **blind** [YH11]. **Block** [BNP93, DTL15, HDT⁺15, RZ99, YFS21, Bag08, Dub88, GLZ93, LHY90, LY90, LHY92, RS05, YC97]. **Blocking** [DQ18, FYZ08]. **Bodewig** [Hou57a]. **Body** [WZBW18]. **Book** [Fit46, Fle55, Fra72, GMS⁺76, Goh54, Gre72, H.70, Hou40d, Hou40e, Hou41a, Hou42a, Hou49b, Hou51a, Hou52, Hou53a, HHW55, Hou55e, Hou55f, Hou56a, Hou56b, Hou57a, Hou59a, Hou60a, Hou61a, Hou63a, Hou63b, Hou63c, Hou67, Hou70b, Hou71b, HA71, Hou79, I.75, Nel54, P.71, Rei47, Rhe72, Sch69, Sch70, Ski46, Var66]. **Boreholes** [WZBW18]. **Borgman** [Hou42a]. **borne** [LXYW09]. **Bossett** [Hou61a]. **Bounds** [New65]. **Brain** [Hou53a]. **Brigadients** [Hou71f]. **Bryan** [Hou64c, Hou75b, Hou06b].

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[HFG51, BHMU85]. **Cartan** [Hou35]. **Case** [Ste11, Mue66a]. **Catalytic** [Hou70f]. **Causality** [Bla63]. **CDMA** [dCWA03]. **cell** [Hou42c]. **cells** [HW42]. **Cellular** [Hou42c, Hou41b, Hou43b]. **Central** [Fit46, HL44, Rei47, Ski46, Hou46]. **Centre** [Hou63a]. **Century** [MHR80, Hou79]. **Certain** [Hou56c, Hou56i, HB59, HB60]. **chain** [Hou38b]. **Channel** [HMA18, JZZ08, Suz15]. **Channels** [ABS⁺07]. **Characteristic** [BH60a, DH56, HB59, BH61, DH55, Hou64a, Hou68c]. **Chemistry** [MM64]. **Chi** [Hou40b, Hou40c]. **Chi-Square** [Hou40b, Hou40c]. **Choice** [Dan76]. **Cholesky** [BS91]. **circuit** [Hou41d, Hou41e]. **circuits** [Hou38a, Hou42d, LH39]. **Class** [Hou58c]. **Cleve** [Mol13]. **Closed** [Hou57d, SH50, CLF12, SH51]. **cm** [H.70, Hou60a, Hou61a, Hou63c, I.75, P.71, Rhe72]. **cm.** [Hou63a]. **Co** [Hou63c, MVC⁺16a, MVC⁺16b, MVC⁺18]. **Co-Design** [MVC⁺16b, MVC⁺18, MVC⁺16a]. **collaboration** [Hou61a]. **Collection** [MHR80, Wil75b]. **collective** [IV08]. **Colloque** [Hou63a]. **Column** [HMA18, MOHvdG15, MOHvdG17, Ma97]. **combinations** [DS76]. **Comments** [BHMU85, HS69a]. **Commerce** [P.71, Rhe72]. **common** [Hou42d]. **Compact** [Pug92]. **Company** [Hou44a]. **comparisons** [Rol90]. **Compartment** [SH49]. **complete** [Hou41e]. **Complex** [Bow11, Dja06, Hou55f, LA13, ME06, Mue66b, NLJ13a, XWW07, AJI88, CY97, Cui13, MS76, Mue66a, NLJ13b, NLSJ17, SL06a, SL06b, TLT91, TLHY92]. **complex-valued** [Cui13]. **Complexity** [LMM96]. **composed** [GLZ93]. **composite** [TKV15, TKV16]. **Comput** [CM08]. **Computation** [Hou55a, IADM⁺10, Sch70, Fie01, GBCW89, Hes42, Hou54c, May09, Rai93, Sch69, SM07]. **Computational** [LBM90, SM07, SAA09]. **Computations** [BHMU85, Hou63e]. **compute** [pWqSmZ14]. **Computer** [BRSS94, KM91, BRSS94]. **computers** [Hou56l, PSS97, HHW55]. **Computing** [Dax04, FD87, MHR80, Nas90, VM03a, VM03b]. **Concerning** [Hou39a, FH59]. **Condition** [Hou72d, BH60b]. **conditioned** [LL97b]. **Conditioning** [Hou38a]. **conducted** [DH69]. **Conference** [BRSS94, HWG98, SM07]. **conjugates** [PVB⁺92]. **conscious** [Hou63b]. **Consciousness** [Hou63b, Hou51a, Hou51a]. **considering** [SM13]. **Constrained** [dCWA02, DWA99]. **constraint** [YSLZ13]. **constraint-based** [YSLZ13]. **constraints** [AJI88]. **Constructive** [DH69]. **continued** [Pet13]. **Continus** [Hou35]. **control** [Hec95]. **controller** [RDB05]. **Convergence** [Hou56j, RS05, Hou55g, Ost56, Dry92]. **converting** [LWZ90]. **convolutive** [YH11]. **coordinates** [BL70]. **copy** [P.71, Rhe72]. **CORDIC** [HD91, HD95]. **Corfu** [SM07]. **Cornelius** [Sca74]. **Corner** [Mol13]. **Correlated** [JZZ08]. **Correlation** [ABS⁺07]. **coset** [CSR10a, CSR10b]. **Coupling** [TAC18]. **CRAY** [Ber90]. **Creation** [Nof10]. **Critical** [Smi12]. **Criticality** [Hou56g]. **cross** [GBCW89]. **cross-validation** [GBCW89]. **CSAR** [BB08]. **Culbertson** [Hou63b, Hou51a]. **Curtis** [Hou60a]. **Curtiss** [Hou57b]. **Curvature** [Hou37c, Hou37d, Hou36]. **curve** [EVZP99, EVZP00]. **curve-fitting** [EVZP99, EVZP00]. **Curves** [Hou50a, Hou50c].

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tissue [Hou49a]. **Toad** [Hou51c]. **Todd**
[Hou63c]. **tolerant** [TKV15, TKV16]. **Tome**
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Transformation [Att05, BG67, Bow11,
DHWZ09, HMA18, Kau79, Kau87, LZ12,
MVC⁺16a, Tsa75, AMACH00, AJI88, Att06,
Cic92, Cui13, FL99, GLZ93, Ger84, Gu83,
HCX12, HCB15, HBC17, KZ76, LXYW09,
LWZ90, LY90, LHY92, Liu93, LL97a, LSA13,
LL97b, NO97, RDB05, RZ99, SSY96, Tan81,
TLHY92, WWX07, Xue83, Yan89, YH11,
ZXLL17, Zhu92, dCWA02].
transformation-based [Att06].
Transformations [Arm87a, Arm87b, BG65,
DTLD15, Dub00, HDT⁺15, IV07, MB84,
NLJ13a, PR68a, PR69, RS85, Rus18, BL70,
BS89a, BS89b, BM85, CSR10a, CSR10b,
Dax04, DS76, DV00, DV03, Dou00, FD87,
FWW06, Fie01, GL06, GN86, IKV06, IKV07,
IV08, JLQO⁺06, LWZZ16, LHY90, Ma97,
MMT04, NLJ13b, RS86a, RS86b, Ral93,
Rol90, RT96, SAA09, SAAE08, SEAA08,
SB16, SL06a, SL06b, SV89, TLT91, Wal88b,
Wan87, YJ01, vdGV11]. **Transforms**
[RGPH16a, RGPH16b, RS88a, RS88b, Ste88].
transient [EVZP99, EVZP00]. **Translated**
[Hou60a]. **Translation** [GHL67]. **trapped**
[IV08]. **trapping** [RVS07, RVS08].
Treatment [Hou70e, Rhe72, Hou70d]. **tri**
[Hou42c]. **tri-axial** [Hou42c]. **Triangular**
[BKK18, Cup84, BKK17, GN86, LWZ90].
Triangularization [Hou58e, Tre10].
tridiagonal [Wan87]. **Tridiagonalization**
[Hou58d, CRPZ92, CUSR88a, CUSR88b,
GBCW89, MRW68, MRW71, SSY96].
Trigonometry [Hou42b]. **Trude** [Hou72c].
Trudi [Hou74c]. **TSQR** [BDG⁺14b].
Twentieth [MHR80]. **Twice** [Ste11]. **Two**
[GH46, LY90, MM94a, MM94b, SH49,
Hou44c, LHY92]. **Two-Compartment**
[SH49]. **two-factor** [Hou44c]. **Two-level**
[LY90, LHY92]. **Two-Sided**
[MM94b, MM94a]. **Type**
[FIY15, Cic92, HP93].
U [P.71, Rhe72]. **Unitary** [Hou58e, IV07,
CSR10a, CSR10b, IV08, KZ76, Uri10]. **units**
[KH54]. **University**
[Hou44a, Hou47b, Hou63b, Var90].
Unraveling [Nof10]. **up-and-downdating**
[vdGV11]. **updates** [Rol90]. **Updating**
[Cup84, DWA99]. **Upon**
[Hou37c, Hou37d, Hou36]. **upper**
[GN86, LWZ90, SB16]. **Urban** [DHWZ09].
Urbana [Hou63b]. **USA** [Ano72]. **Using**
[BNP93, BB08, He11, JA14, MHRB16,
MB84, MM94a, MM94b, SH49, Smi12,
WZBW18, BL70, BM85, CUSR88a,
CUSR88b, CKL01, DS76, Dou00, EVZP99,
EVZP00, FD87, GL06, GN86, KKM⁺96,
KCN99, LHY90, MNS08, MSF81, MSV09,
SAS10, SL06a, SL06b, TW16, Wal88b,
Yan89, Yu91, ZL10, ZXLL17].
V [Ano83, BRSS94, CM08, Hou60a, JZZ08].
V-BLAST [JZZ08]. **Va** [Rhe72]. **validation**
[GBCW89]. **Value**
[DH56, DH55, SL06a, SL06b]. **valued**
[Cui13]. **Values**
[Smi12, HC63, Hou64c, Hou75b, Hou06b].
variable [RDB05, Hou56b]. **Variables**
[Hou55f]. **variation** [BL70]. **Variational**
[TW16]. **Variations**
[Hou37c, Hou37d, Hou36]. **Vector**
[DHWZ09, pWqSmZ14]. **Vectors**
[BDG⁺14a, DBG⁺13, Hou54a, BDG⁺14b,
BDG⁺15, Hou64c, Hou75b, Hou06b, LSA13,
RMP18]. **Verfahren** [Ost56, Her83]. **Verlag**

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years [HHOT94]. **York** [Hou44a, Hou60a, I.75, Nel54]. **York-London** [Nel54]. **Young** [Bro87].

Z [Hou70c, P.71]. **Zdenek** [Hou56b]. **zero** [ZL10]. **Zeros** [Hou71d]. **zur** [Ost56]. **Zürich** [DH69]. **Zürich-Rüschlikon** [DH69].

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