A Bibliography of Publications by, and about, Michael J. D. Powell

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Abstract

This bibliography records publications of Michael J. D. Powell.

Title word cross-reference

A [IP81]. $\cdot$ [YGL10]. ℓ_∞ [BPR72]. L_1 [PR80, PY84]. L_2 [Pow68b]. L_∞ [PBR71, PY84]. LDL^T [FP74]. QR [CP88]. $\sqrt{3}$ [VWBD02].

-acceptability [IP81]. **-approximation** [BPR72]. **-subdivision** [VWBD02].

0-19-853614-3 [Gri87].

12th [Jac77]. **13th** [GW90]. **14th** [GW92]. **15th** [Jac77]. **18th** [WG00]. **1968** [Mor69]. **1970** [RMR70]. **1973** [Eva74]. **1974** [GM74]. **1975** [Dix76, Wat76]. **1976** [Jac77, Pré79]. **1977** [GL79, MMR78, Pow77a, Ric77, Wat78]. **1981** [Wat82]. **1982** [BGK83]. **1983** [CSW83, CO80, GMSV84]. **1984** [BBS85]. **1985** [MC87]. **1986** [IP87, Gri87]. **1988** [MC90]. **1991** [GW92]. **1992** [LLC92]. **1996** [BI97].

2004 [DR06]. **2015** [BFIT18]. **23-27** [Pré79]. **29th** [WG00]. **2D** [LZ13]. **2D-3D** [LZ13]. **2nd** [WG00].

3D [LZ13].

6H2O [YGL10]. **6th** [Pow77a, Wat76].

'87 [MT88].

9th [Pré79, Wat82].

A&M [CSW83]. **Accelerating** [AMF06]. **acceptability** [IP81]. **accuracy** [HP77]. **achieve** [DP91a]. **Action** [Dix76]. **Ado** [Kah87]. **advances** [Pow71b]. **AlCl3** [YGL10]. **Algebra** [HS87]. **algebraic** [Pow68a, Pow70a]. **Algorithm** [AMF06, GSYP18, Qia17, RSR22, TtJ15, XJY+13, ZCW+20, AF03, AOF21, BPR72, CP87, DMP94, FGP05, KYO05, LZ13, Pow70e, Pow70f, Pow71a, PBR71, Pow72c, Pow76c, Pow77d, Pow78c, Pow81b, Pow85a, PY86, Pow88a, Pow89b, Pow90a, PY91, Pow92a, Pow93a, Pow95a, Pow97a, Pow98b, Pow00, SWL+06, TZP17, ZTBL11, WA15]. **Algorithms** [MC87, MC90, Pow75c, Pow78a, Pow79a, Pow86a, Pow87b, Pow98a, CPLP82, CP66b, DSS80, Pow72a, Pow72b, Pow73c, Pow74d, Pow75a, Pow83a, Pow84b, Pow84c, Pow88c, Pow90c, Pow94b, Pow96a, Pow98d, Pow07, Pow12, MC87, MC90]. **AMS** [RSS96]. **AMS-SIAM** [RSS96]. **Analysis** [AOF21, BC10, DW97, Gri87, GW92, IP87, Jac77, LD15, Wat78, Wat82, DMP94, GW90, Pow77a, RSS96, Wat76, WG00, ZTBL11]. **antenna** [LD15]. **Application** [Qia17, TZP17, HP84, KYO05]. **Applications** [Eva74, LLC92, PS00, RSR22, Fle69]. **Applied** [GL79, MT88, RSS96]. **Applying** [PR68b, PR68a, PR69]. **approach** [BS76]. **Approximation** [BI97, CP66a, GMSV84, Pow81a, BPR72, BP92b, MC87, MC90, PBR71, PR80, Pow83a, Pow90b, Pow92e, Pow02, CSW83, Chu82]. **Approximations** [Pow67c, PS77, BP94, CP66b, IP81, Pow68b, Pow69b, Pow88b, Pow98d]. **April** [BFIT18, Eva74, IP87, Jac77]. **Aproksimatsiya** [Pau02]. **Arieh** [PN08]. **array** [MCPS86]. **Art** [BGK83, DW97, Gri87, IP87, Jac77]. **Artificial** [LSLM15, DÖAK12]. **augmented** [Miz99]. **August** [BGK83, CO80, Mor69, Pré79, RSS96]. **Automatic** [WA15].

Bad [Pow86b]. **balance** [DMP94]. **balance-based** [DMP94]. **band** [Pow98d]. **barrier** [Pow92c, Pow95b]. **Bartels** [Pow87b]. **Base** [YZM+18]. **Based** [CSA16, TtJ15, XJY+13, ZCW+20, AF03, DMP94, GSYP18, KLL12, LZ13, MC87, MC90, SWL+06, Sug14, YGL10, wZyTL+23, ZTBL11]. **basis** [BP90, FP00, Pow87c, Pow88b, Pow92e, Pow99b]. **Beale** [AOF21]. **beam** [LD15, MCPS86]. **Bee** [LSLM15, DÖAK12]. **Bergamo** [DSS80]. **best** [Pow68b]. **Beyond** [Pow13]. **BFGS** [Pow86b, Pow87d]. **Biennial** [Wat76, Wat78, Wat82, WG00]. **Birmingham** [IP87]. **Birth** [BC10]. **birthday** [PN08]. **Bit** [Kah87]. **Bonn** [BGK83]. **Book** [Chu82, Gri87, Pow69a, Pow73a, Pow74a, Pow76a]. **Boulder** [BBS85]. **bounds** [Pow75b, Pow88a, Pow14]. **Box** [EM06]. **BP** [YGL10]. **Branch** [Kah87]. **breaker** [wZyTL+23]. **Bristol** [Dix76]. **Broyden** [Pow13]. **Budapest** [Pré79]. **Building** [EA22]. **Building-Integrated** [EA22].

Calculating [Pow64a, Pow65, CP66b, Pow64b]. **Calculation** [Pow68c, And69]. **Calculations** [Pow98a, Pow78b, Pow78c, Pow83a, Pow84a, Pow86c, Pow87a, Pow89b, Pow92b, Pow92c, Pow98c]. **Cambridge** [BI97, PS00, Pow99b]. **Canada** [EA22]. **Carlo** [PS66]. **Cartesian** [EM06]. **Case** [RSR22]. **CDS** [DÖAK12]. **Center** [Ric77, RMR70]. **change** [DP91b]. **Channel**

[YZM+18]. **Channel-Base** [YZM+18]. **Chaotic** [ZCW+20]. **characterization** [PR80]. **circuit** [DMP94, wZyTL+23]. **City** [RSS96]. **Clarendon** [Gri87]. **class** [Pow75a]. **classical** [Pow69b]. **Classification** [Qia17]. **College** [CSW83, MC87, MC90]. **Colony** [LSLM15, DÖAK12]. **Colorado** [BBS85]. **Coloring** [RSR22]. **combination** [WZL+23]. **Combined** [Sas69]. **comparison** [Pow69b]. **Complex** [Kah87]. **complexity** [Pow92a]. **comprehensive** [LSLM15]. **computation** [Pow74d]. **computer** [Pow61]. **Computing** [GL79, HS87]. **conditionally** [MPJ81]. **Conditions** [CP66a, PY84, Pow80a, Pow04a]. **Conducted** [RMR70, Ric77]. **Conf** [Wat76]. **Conference** [BBS85, Eva74, GMSV84, Gri87, GW92, IP87, Jac77, LLC92, MC87, MC90, MT88, Pow73b, PS00, Wat78, Wat82, WG00, BI97, Dix76, GW90]. **Congress** [CO80, Mor69]. **Conjugate** [AOF21, EA22, Pow87d, Pow76b, Pow77e, Pow84a, Pow90c]. **Constrained** [GM74, CPLP82, Pow74b, Pow78b, Pow78c, Pow79b, Pow80b, Pow83b, Pow85b, Pow89a, Pow89b, PY91, TS99]. **constraint** [Pow94a]. **constraints** [Pow67b, Pow69e, Pow74e, Pow78a, Pow79a, Pow86c, Pow87a, Pow15]. **content** [YGL10]. **Continuous** [THB18]. **contour** [LD15, Pow74c]. **Contrast** [CSA16]. **Contribution** [Pow77a]. **control** [TS99]. **Convergence** [BP75, Pow75a, Pow86a, CPLP82, CP66b, FP99, GP83, Pow71a, Pow76b, Pow76c, Pow78b, PY84, Pow84b, Pow84c, Pow94c, Pow95b, Pow00, Pow10b, Pow12]. **Convergent** [FP63]. **convexity** [DP91b]. **Cooled** [EA22]. **correction** [BPR72, CP87, PBR71]. **Correspondence** [And69]. **Courses** [RSR22]. **cover** [Gri87]. **Criteria** [Pow67c]. **Cubic** [MP73, Pow69d, Pow67a]. **Cuckoo** [GSYP18]. **Current** [YZM+18]. **Curve** [Pow67a, Pow99a]. **curves** [Pow95a, Pow96b]. **Cuts** [Kah87]. **Cyclic** [BP75]. **cycling** [Pow81b].

D [BI97, BFIT18, Chu82, Gri87]. **Data** [CP82, EM06, MC87, Pow97b, BP92b, DS08, DP91a, DP91b, DP97]. **Davidon** [AF03, AMF06, Pow77d]. **days** [WG00]. **December** [GL79, GMSV84]. **decomposition** [MPJ81, WA15]. **Dedicated** [PN08]. **Defined** [Pow67c, Pow01]. **Dependence** [Pow69d]. **Derivative** [CSA16, Pow81c, Pow98d]. **Derivative-Free** [CSA16]. **Derivatives** [Pow64a, Pow65, Pow75c, Pow64b, Pow70b, Pow70c, Pow74d, Pow03, Pow04b, Pow06, Pow07, Pow08, Pow12, Pow13]. **Descent** [FP63]. **design** [DÖAK12, KYO05, SWL+06]. **designing** [LCL+10]. **Developments** [Pow08, Fle87]. **DFP** [Pow86b, Pow00]. **diagnosis** [wZyTL+23]. **differences** [CP82, DP97]. **differentiable** [PY86]. **Differential** [THB18, XD04, BPR72, CP87, PBR71, WZL+23]. **difficult** [Pow85b]. **dimensional** [Pow92d]. **dimensions** [BGP96, BPT07, FP99, FGP05, Pow94c, Pow95a, Pow96a, Pow96b, Pow97a, Pow98b, Pow99a]. **Direct** [Pow98a, SRK12, Pow94a]. **Direction** [EA22, ZGGZ09, XD04]. **Directions** [Pow87d, Pow73c, Pow90c]. **discrete** [PR80, Pow83a]. **discussion** [Pow69b, Pow72a]. **Displacement** [ZTBL11]. **Distribution** [AOF21]. **distributional** [SWL+06]. **divided** [CP82]. **dividers** [KYO05]. **Do** [Pow75c]. **dogleg** [Miz99]. **Dr.** [Pow77a]. **dual** [Pow14]. **Dundee** [GW90, GW92, Wat76, Wat78, Wat82, WG00]. **during** [WG00]. **Dyadic** [VWBD02].

Edinburgh [Mor69]. **Editorial** [MP81]. **eds** [Gri87]. **Efficient** [Pow64a]. **Eigenvalue** [Wil87]. **elastography** [ZTBL11]. **Electric**

[AOF21, EHL82a, EHL82b]. **Elementary** [Kah87]. **elimination** [HP84]. **employs** [BP94]. **Engineering** [GL79]. **England** [DSS80, Fle69]. **Entropy** [CSA16, Pow88a]. **equality** [PY91]. **equations** [HP77, Pow68a, Pow70a, Pow70d, Pow75b, PY84, Pow88c, TZP17]. **Erice** [DR06]. **Error** [Pow87b]. **Errors** [Pow67c]. **Estimation** [PT79, ZCW+20, ZTBL11]. **evaluation** [BPT07, Pow93b]. **evolution** [WZL+23, XD04]. **Evolutionary** [THB18]. **exact** [Pow76c, PY86]. **example** [Pow81b]. **exchange** [CP66b]. **expanded** [LZ13]. **expansions** [Pow93b]. **exponential** [IP81]. **Extensions** [EM06, Pow74e].

Fabrication [KLL12]. **factorization** [CP88, Pow89a]. **Factorizations** [Pow87b, FP74]. **Fast** [BPT07, AF03, Pow78c, Pow93b, Pow15]. **fault** [wZyTL+23]. **FDG_CT** [WA15]. **feasible** [Pow81b]. **Federation** [Mor69]. **Fiacco** [Pow69a]. **film** [KLL12, LCL+10]. **Filter** [SRK12, DÖAK12]. **filters** [KLL12, LCL+10]. **Finding** [Pow62, Pow64a]. **fine** [Pow92d]. **finite** [BP92a]. **Firefly** [XJY+13]. **First** [MT88, Pow70b, Pow70c]. **fitting** [DS08, DP97, Pow67a, Pow74c, Pow77c]. **Fixed** [EHL82a, EHL82b]. **Fixed-Head** [EHL82a, EHL82b]. **Fletcher** [AF03, AMF06, BS76, MCPS86, Pow87b, Sas69]. **Florida** [GMSV84]. **Flows** [Sas69]. **FLT_CT** [WA15]. **fly** [TZP17]. **forcing** [CPLP82]. **forest** [wZyTL+23]. **Foreword** [Pow77b, PN08]. **Formula** [Pow87d]. **formulae** [Pow81c]. **FORTRAN** [MP73, Pow70b, Pow70c, Pow68a, Pow69c, Pow70a]. **France** [MT88]. **Free** [CSA16]. **Frobenius** [Pow04a]. **fruit** [TZP17]. **full** [Pow69c]. **Function** [MP73, Pow62, Pow64a, Pow86b, YZM+18, BP90, FP00, IP81, Pow70b, Pow70c, Pow88b, Pow92e]. **Functions** [Kah87, MC87, Pow65, BP94, CP87, HP84, Pow61, Pow64b, Pow77c, Pow78a, Pow79a, PY86, Pow87c, Pow94a, Pow94b, Pow99b, Pow01]. **fuzzy** [TS99].

G [Pow69a]. **gains** [HP77]. **Gaussian** [HP84]. **General** [Pow83a]. **generalized** [CP87, HP84]. **Genetic** [WA15]. **gives** [DP91b]. **Global** [WZL+23, Pow76c, Pow84b, SWL+06]. **Goldfarb** [Pow85a]. **Golub** [Pow87b]. **Gradient** [AOF21, Pow80a, Pow76b, Pow77e, Pow84a]. **Graph** [RSR22]. **grid** [BP92a, BP90, Pow92d]. **Group** [MMR78]. **Growth** [Pow87b]. **Guided** [THB18].

H [Pow77a]. **Handling** [SRK12, Pow61]. **hard** [Gri87]. **harmonic** [DMP94]. **Hartley** [CSA16]. **Hartley-Entropy-Based** [CSA16]. **Hatfield** [DSS80]. **Head** [EHL82a, EHL82b]. **Held** [Wat78, BGK83, DR06, Dix76, DSS80, Eva74, GM74, GMSV84, IP87, Jac77, MC87, MC90, Pow77a, Wat82, WG00]. **Hessian** [Miz99, PT79]. **Hestenes** [Sug14]. **high** [wZyTL+23]. **Householder** [PR68b, PR68a, PR69]. **HS** [Qia17]. **Hybrid** [EHL82a, EHL82b, ZCW+20, Pow70d]. **Hydro** [EHL82a, EHL82b]. **Hydro-Thermal** [EHL82a, EHL82b]. **hypercube** [CP88].

ICA [CSA16]. **ICIAM** [MT88]. **Identifying** [YZM+18]. **Idnani** [Pow85a]. **IFIP** [Mor69, PS00]. **IFIP-TC7** [PS00]. **II** [MC90, Pow72b]. **III** [Ric77]. **IIR** [DÖAK12]. **IMA** [Gri87, IP87, MC87]. **IMA/SIAM** [IP87]. **Image** [Qia17, TtJ15, XJY+13, ZGGZ09, LZ13, XD04]. **images** [WA15]. **implementation** [SWL+06]. **improved** [LZ13]. **Incremental** [Yav22, DÖAK12]. **Indian** [LD15]. **Industrial** [MT88]. **infinite** [BP90, Pow91a, Pow92b, Pow92c].

Information [Mor69, LZ13, Mor69]. **Institute** [Eva74, Fle69]. **Integer** [Aba70]. **Integrated** [EA22]. **integrating** [WA15]. **Interest** [MMR78]. **Interior** [Pow92b]. **International** [CSW83, CO80, GL79, LLC92, MC90, MT88, Mor69, Pré79, BGK83, DSS80]. **interpolate** [IP81]. **Interpolation** [DS08, GP76, GMSV84, Pow67c, Pow97b, BP92a, BP92b, BP94, BGP96, BP90, FP99, FP00, FGP05, HP84, Pow69b, Pow87c, Pow91b, Pow94a, Pow94b, Pow94c, Pow96a, Pow97a, Pow01, Pow04a]. **Introduction** [Pow74b]. **Inverse** [Pow69g, Sug14]. **invert** [Pow69c]. **ISBN** [Gri87]. **Iserles** [Gri87, PN08]. **Italy** [DR06, DSS80]. **iterations** [Pow93a]. **Iterative** [Pow62, BP94, FP99, Pow97a].

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M [Chu82, Gri87]. **M.** [BI97]. **Madison** [MMR78, Ric77, RMR70]. **manifolds** [DS08]. **many** [FGP05]. **mapping** [Pow96b]. **March** [Ric77]. **Mathematical** [BGK83, MMR78, Pré79, Pow73b, Ric77]. **Mathematicians** [CO80]. **Mathematics** [BI97, Eva74, Fle69, MT88, Ric77, RSS96, RMR70]. **Matrices** [PT79, Rei87, GP83, MPJ81, Pow81c, PT81, Pow90c, Pow98d]. **Matrix** [Pow69g, Pow87b, Pow69c, Pow81d, Pow89a]. **Matthews** [Pow87b]. **maximizing** [Pow88a]. **Maximum** [Pow67c]. **May** [RMR70]. **McCormick** [Pow69a]. **Medical** [TtJ15, XJY+13, LZ13, XD04]. **Method** [CSA16, EHL82a, EHL82b, EA22, FP63, Pow62, Pow64a, Pow65, PR68b, SRK12, THB18, YZM+18, Yav22, ZGGZ09, BP94, KLL12, LCL+10, LZ13, Pow64b, Pow67b, Pow69e, Pow70d, Pow76b, Pow77e, Pow81d, Pow84a, Pow91a, Pow94a, Pow95b, Pow96b, Pow14, SWL+06, Sug14, TS99, WA15, WZL+23, XD04, ZTBL11]. **Methods** [BP75, GM74, GL79, Pow70h, Pow81a, Pow86b, Pow86c, Pow87a, Pow97b, PS00, Sas69, FP00, Pow69b, Pow69f, Pow70g, Pow77c, Pow78b, Pow79b, Pow80b, Pow83b, Pow92b, Pow92c, Pow03, Pow10b, Pow15, SDV08, Chu82]. **Metodi** [Pau02]. **metric** [GP83, Pow71a, Pow72c, Pow76c, Pow77d, Pow78b, Pow79b, Pow80b, Pow83b, Pow84c]. **Metropolitan** [AOF21]. **Michael** [BFIT18].

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National [GM74]. **Necessary** [CP66a]. **Network** [AOF21]. **neural** [Miz99]. **Neuro** [AOF21]. **Neuro-algorithm** [AOF21]. **Newton** [DMP94, EHL82a, EHL82b, Miz99, Pow81c]. **NEWUOA** [Pow06, Pow08]. **Non** [Pow65, Pow64b, Pow67b, Pow68a]. **Non-Linear** [Pow65, Pow64b, Pow67b, Pow68a]. **Nonconvex** [Pow84a]. **Nonlinear** [Aba70, MMR78, Pow82, Pow86a, RMR70, Sas69, DR06, Miz99, Pow69e, Pow70a, Pow70d, Pow78a, Pow79a, Pow80a, Pow83a, PY84, Pow86c, Pow87a, Pow88c, Pow90a, Pow10a, TZP17, DSS80, Pow69a]. **nonlinearly** [Pow78b, Pow78c]. **norm** [Pow04a]. **note** [Pow81c]. **Notes** [Mor82]. **Nothing** [Kah87]. **Notice** [LD15]. **number** [Pow93a]. **Numerical** [BBS85, BI97, BC10, DW97, Eva74, GM74, Gri87, GW92, HS87, IP87, Jac77, Pow70h, Pow77c, Wat76, WG00, Pow77a, RSS96, ZTBL11, BBS85, GW90, Wat78, Wat82, WG00].

Object [SRK12]. **Objective** [Pow86b, THB18, Pow70b, Pow70c, Pow94a]. **occasion** [PN08]. **Occlusion** [SRK12]. **One** [Pow69g, Pow69f, Pow70g]. **only** [Pow00]. **onto** [Pow99a]. **Operation** [EHL82a, EHL82b]. **optical** [KLL12, LCL+10]. **Optimal** [GP76, Sas69, Pow99a]. **optimisation** [DSS80]. **Optimization** [BI97, Dix76, EA22, GM74, LD15, Pow70h, Pow82, Pow86a, Pow98a, PS00, THB18, YZM+18, ZGGZ09, BS76, BBS85, CPLP82, DR06, GP83, KLL12, KYO05, MCPS86, Mor82, Pow69f, Pow70e, Pow70f, Pow70g, Pow71b, Pow74b, Pow76d, Pow78b, Pow78c, Pow79b, Pow80b, Pow83b, Pow84c, Pow85b, Pow86c, Pow87a, Pow88c, Pow89a, Pow89b, PY91, Pow90c, Pow94a, Pow00, Pow02, Pow06, Pow07, Pow10b, Pow10a, SWL+06, TZP17, WZL+23, ZTBL11, Fle69, LLC92]. **optimized** [wZyTL+23]. **optimizer** [LSLM15]. **Optimum** [EHL82a, EHL82b]. **organized** [Mor69]. **Orthogonal** [Pow68c, And69]. **overdetermined** [HP77, PY84]. **Oxford** [Gri87].

P [Pow69a]. **pages** [Pow69a]. **Parallel** [KYO05, SWL+06]. **Parameter** [ZCW+20]. **Parameters** [YZM+18]. **Paris** [MT88]. **Park** [RSS96]. **Particle** [YZM+18, ZGGZ09]. **path** [Pow98b]. **penalty** [PY86]. **Perceptron** [AMF06, AF03]. **performance** [Pow85b]. **Photovoltaics** [EA22]. **Physical** [GM74].

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