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Title word cross-reference

TV^ϕ [HVW15].

- [CJPT13]. -Bar [AM16]. -Convergence [GBFA10, GBFA12, Naj17]. -D [GBFA12, GBFA10]. -Dimensional [AM16, DGH11, Wol09]. -Distribution [DPC13]. -harmonic [GWY09]. -Kernels [FSV10]. -Laplacian [ETT15]. -Line [HF12]. -Map [LLYG14]. -mean [MGKR15]. -Minimization [YOGD08]. -Models [HW13]. -norm [Nik13]. -Regularization [MB16]. -regularized [GO09]. -Space [BHM12].

(BV, L^1) [AT11]. 0 [CLL15, CHL16]. 1 [LHW⁺15, WLYU15]. 2 [AM16, CCBB14, DSYT10, GTO14, GBFA10, GBFA12, PS11, UC13, Wol09, YY13]. 3 [DSYT10, DGH11, GS13, HMS17]. q [HW13]. α [FSV10]. D [AM16]. ℓ^1 [SZW14]. ℓ_0 [CJPT13, Nik13, SBFA15, SBFA16]. ℓ_1 [BK15, LY13, SX12, YOGD08]. ℓ_2 [CJPT13]. $\ell_{2,1}$ [LLC14]. Γ [GBFA12, Naj17, GBFA10]. H^1 [MB16]. ∞ [ETT15]. K [DPC13]. $L1$ [GO09]. L^1 [MGKR15, LMM17, CJK10]. L^1/L^2 [HL13]. L^1TV [DHN09]. l_{1-2} [MLH17]. L_2 [FKLS12]. n [BHM12]. p [ETT15, GWY09]. π [HF12]. $SE(2)$ [BDMS15]. $SE(3)$ [ARF16]. T [LLYG14].

$/TV$ [FKLS12]. $/TV$ -Image [FKLS12]. $/Underexposed$ [HJS13].

1PI [KK08].

Abdominal [AKLS17]. **Abel** [AAD⁺08].
Absence [BH17]. **Absorption** [FFA11].
Absorption-Diffusion [FFA11].
Accelerated
 [HMS17, HPZ16, OCLP15, STY11].
Accelerating [Che14]. **Account** [PS11].
Accurate [BBC11, SMA11, YJL⁺17].
Acquisition [BWB14, STCB13]. **Active**
 [ABG13a, ARY10, JPC12, NPJI17, SDM17].
Adapted [CJ14, DKP09, Mär11]. **Adaptive**
 [ACSW12, ADD12, BZNC16, BPT11, Get11,
 LLBS14, LCS⁺16, LLLX17, PH14].
Adaptivity [LLSZ09]. **Additive** [LY12].
Adjoint [LQS14, MPM⁺17]. **Admittivity**
 [DHSS13]. **ADMM**
 [ACL16, CCMY15, HMY16, YY17].
ADMM/Douglas [ACL16]. **Affected**
 [SG15]. **Affine**
 [CAT08, FAS⁺15, KO16, LVEB09, MY09,
 SCM⁺12, STV09, SNDP13, Zhu16].
Algebraic [TV17]. **Algorithm**
 [AM16, BT09, BPS16, BAA14, BAS15,
 BWB14, BLC10, CCMS13, CKL17, Che14,
 CJT⁺12, DFM⁺12, DMTZ16, FR14, FK10,
 Gil14b, HYY14, HDH16, HPZ16, ISW13,
 KHD⁺15, KSZ12, LY13, LNPS17, LBM13,
 LLSZ09, LCS⁺16, LZ16, MB15, OCBP14,
 QSUZ11, STY11, SWGL15, THC11,
 LDCG14, TBKF15, WYYZ08, YYZW09].
Algorithms [AB10, ADGM14, ACN16,
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 EZC10, HY12, KK08, LO17, LS11, ODBP15,
 RE15, YOGD08]. **Aligned** [CLL15].
Alignment [EHL17, OGL15]. **Almost**
 [BHM12]. **along** [Get11]. **Alternating**
 [CYY11, CTY13, Che14, GOSB14, KHD⁺15,
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Ambiguity [BCD⁺12]. **Ampère** [STV09].
Amplitude [Sto11]. **Analysis**
 [BKBD16, BCP13b, BK15, BGP⁺17,
 BCD⁺12, CC14, DB13, Dro14, FH15,
 FAS⁺15, GPST15, GK14, Gil14a, GL09,
 GL13, HN17, HY12, HW13, LPSS15,
 LSW14, Lou08, MB10, QS15, RGLB14,
 SDM17, VF13, VF14, Wah15, WSL13,
 WY17, WDCT09, Yin10, ZvDT⁺17].
Analytic [MH17]. **Analytics** [BH15a].
Anatomy [DATP17]. **Angle** [SZSH11].
Angles [BG15]. **Anisotropic**
 [BGM14, CFM09, FSV10, LZOX15].
Anisotropy [LMM17]. **Aperture**
 [AC12, AH17, BCP13b, BMPT16, BGP⁺17,
 CB11, DFM⁺12, FSY09, GP15, Voc15,
 WY14, WY17, YY15]. **Apertures** [WY12].
Appearance [CV13]. **Application**
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 CHH⁺12, HHR08, HLST15, JM16, K1a11,
 LPSS15, Lou08, MH17, Mui09, PYW⁺14,
 RL15, RB15, RG16, Sdi13, SZW14,
 WFBFA11, YY17, MSKL09]. **Applications**
 [BH17, BB14, Bel13, BLSW14, CKL17,
 CFM09, CV13, DPSV17, DB13, Dro14,
 ETT15, ELX13, GKL13, HP11, HK14, LY15,
 LLC14, LLYG14, MMM12, MB10, OV14,
 RLL14, RW13, SMSY11, WSL13, WLTC12,
 XY13, YPC17, YOGD08, Zhu16]. **Applied**
 [BCMO08]. **Approach**
 [BZNC16, BDMS15, BDM15, BCP13a,
 CT17, CCP12, CLC13, CJPT13, CJPT15,
 CP16, DSYT10, DD13, DLW16, DAG11,
 FLZ14, FH11, GDF15, GBFA10, GBFA12,
 HNAC⁺15, JLN14, KGB15, KP13, MTWB14,
 MQLC16, MWBB12, MGKR15, NW13b,
 PPE⁺09, PYA⁺12, RDG09, RW09, SDZ15,
 STY11, SV08, WN13a, Wan16b, YK16].
Approaches [LS11]. **Approximating**
 [BHV12, KN14]. **Approximation**
 [GT15, Han12, HR15, JHSX11, MF13,
 Pey15, Tsy09b, WE17]. **Approximations**
 [BCD⁺12, FF13]. **Arbitrary**
 [LDCG14, WDCT09]. **Area** [CE12, CAT08].
Arises [GSC12]. **Arising** [JM16, MH17].
Array [GP14, GPST15]. **Artifacts**
 [HF12, PUW17, Pal16, YCF⁺16]. **Artist**
 [HMS17]. **ASIFT** [MY09]. **Aspects**
 [HVW15]. **Aspherical** [GS16]. **Assess**
 [AKLS17]. **Assimilation** [PM08].
Associated [FSV10, LVEB09].

Astronomical [PPE⁺09]. **Astronomy** [BCP13a]. **Asymptotic** [GK14, MHP17, TM16a]. **Atlas** [ADK15, DL14]. **Atrophy** [AMY16]. **Attenuated** [LQS14]. **Attenuation** [LQS14]. **Augmented** [LY13, LLS⁺13, MGKR15, THC11, WT10]. **Autocorrelation** [LMSY13]. **Automatic** [BAA14, CJK10, Fou10, KHD⁺15]. **Averaging** [RW09].

B [Sdi13]. **B-Spline** [Sdi13]. **Back** [ACN16]. **Back-Projection** [ACN16]. **Background** [YPC17]. **Background/Foreground** [YPC17]. **Backprojection** [HF12]. **Backpropagation** [AGM14]. **Backscattered** [SSSW09]. **Backscattering** [TBKF15]. **Backward** [GKL13, RFP13, RL15]. **Balanced** [STY11]. **Banach** [MD15]. **Banach-Like** [MD15]. **Band** [SM16]. **Band-Limited** [SM16]. **Bar** [AM16, CvG10, HRSZ16, ISW13]. **Barcode** [LEZX14]. **Barrier** [WH15]. **Based** [ABG⁺13c, ACSW12, AT11, BAA14, BCP13a, BS15, BH12, BH15a, BH15b, COS09, CCMS13, CGMP11, CLL11, CTY13, CTWY15, Che14, CGN⁺13, DSYT10, DD13, DL14, DPC13, DLW16, DMTZ16, FA09, FGS12, FGPT17, GB11, GPST13, GEB15, GLQ15, GM10, HPZ11, HDH16, HW13, ISW13, LL14, LMSY13, LNZZ10, LCS⁺16, LLC14, LLS⁺13, LWY16, Mär11, MPM⁺17, NNYZ17, NS17, PPE⁺09, PYA⁺12, QSUZ11, STY11, SDA15, TZS13, VF13, Wah15, WZ17, ZBN17, LTW⁺10, Mah12, NT11, RGLB14, MYZ13]. **Bases** [HLKH14, YGLD17]. **Basis** [CJ14]. **Bayesian** [ADK15, FR14, GDF15, LBM13, Per17, PCP⁺16, SN11, SNM17]. **Be** [SMA11]. **Beltrami** [LZ17a, LLWG13, RDSK09, WZYX13, WkZ14]. **Bertozzi** [CFM15]. **Best** [ADGM14]. **between** [BGV09, FAS⁺15, SHS10]. **Beyond** [ZTO15, GT15]. **Bézier** [AGSW16]. **Bias** [DAG11, MHP17]. **Bias-Variance** [DAG11]. **Biclustering** [TS14]. **Bijjective** [Lip14]. **Bilateral** [Ang13]. **Bilevel** [KP13]. **Biperiodic** [LN13]. **Bistatic** [WY14]. **Blind** [BR15, Car10, CHM13, GS13, Gil14b, HBFA14, HLST15, JBS17, LEZX14, Mar09, RKT⁺13, RB15, SX12, WSL13, Yan13]. **Blind-Spot** [CHM13]. **Block** [BWB14, HLST15, LZ17b, SMA11, XY13]. **Block-Constrained** [BWB14]. **Blur** [LEZX14, YY17, ZWN14]. **Blurred** [DZ13, SDZ15]. **Blurring** [EW15]. **Blurry** [CYZ14]. **Bochner** [Car10]. **Bodies** [HLLS14]. **Boosting** [RE15]. **Born** [GT15]. **Both** [LQS14]. **Boundary** [DHSS13, HP15, Lip14, ZC15]. **Bounded** [NPV16]. **Bounds** [ADGM14]. **Box** [GL13]. **Brain** [CLL15, DL14, KT14, LPP⁺09, StTBRV12]. **Breast** [CNS10]. **Bregman** [COS09, GO09, LSW14, MBBS14, WT10, YOGD08, Yin10, ZvDT⁺17]. **Bregmanized** [ZBBO10]. **Budget** [HNAC⁺15]. **Bundles** [Bat10]. **Buried** [TBKF15]. **Butterfly** [DFM⁺12].

Cahn [CFM15, BKS14, BS15, BHS09]. **Calculus** [RW13]. **Calibration** [CJK10, WHY⁺15]. **Camera** [JM16, KT16, ÖSB15]. **Cameras** [GOF16, MH17, SXS⁺15]. **Can** [SMA11]. **Capacitance** [BAA14]. **Cardinal** [AR15]. **Carrier** [ST11]. **Cartoon** [JK15, Kut13]. **Cascadic** [MRSS08]. **Case** [LRP17]. **Cauchy** [SDZ15]. **Cavity** [NK16]. **CELO** [SBFA15, SBFA16]. **Cerebral** [CHPS09]. **Chan** [NPJI17]. **Change** [FH11, PCP⁺16, WFBFA11]. **Changes** [BG14]. **Characterization** [GL09, SJD⁺15]. **Cheeger** [CFM09]. **Chief** [Sap08]. **Chirps** [NDM⁺11]. **Choice** [CJK10, NLH⁺16]. **Chrominance** [PAB⁺15]. **Chromoscopy** [FFA11]. **Circle** [SC10]. **Circular** [CE12, HP15]. **Class**

[EZC10, GKL13, HL13, KK08, YPC17]. **Classes** [BMP13, KT14]. **Classification** [AZ13, ATW14, CCFBY13, GH15, MKB13, SZSH11, WMT⁺09]. **CLEAR** [DPSV17]. **Clifford** [Bat10]. **Closed** [CLL15]. **Cloud** [DPH⁺13, LZ17a]. **Clouds** [CHL16, MCL16]. **Clustered** [Kut13]. **Clustering** [SX12, TV17]. **Clutter** [BPT11, YY15]. **Coded** [RKT⁺13]. **Codes** [CvG10, ISW13, NDM⁺11]. **Coding** [GTU14, WMT⁺09]. **Coherence** [FL12, HR15, Mär11]. **Coherent** [FH11, MNP16]. **Collaborative** [DMSC16]. **Color** [ABR10, HP11, MBBS14]. **Colorization** [PAB⁺15, PABT17]. **Combinatorial** [CGTN11]. **Combining** [Lou08]. **Comet** [HF12]. **Cometric** [MMM12]. **Common** [Bat10, SS11]. **Communications** [CCR⁺12]. **Communications-Inspired** [CCR⁺12]. **Compact** [MD15]. **Comparison** [MY09]. **Compartmental** [CK09]. **Competition** [LNZS10]. **Completion** [BZNC16, BBP09, CESV13, XY13]. **Complex** [HZ14, NAF⁺14, PYW⁺14]. **Component** [BCP13b]. **Components** [LS17]. **Composite** [HPZ16, PYW⁺14]. **Composition** [AR15]. **Compressed** [ADD12, BH17, DPVW14, FSY10, NDM⁺11, Poo15, RB15, YOGD08]. **Compression** [LLWG13]. **Compressive** [CCR⁺12, CCBB14, Fan09, FL12, GY12, LLC14, Mui09, RKT⁺13, Rom09, STCB13, SXS⁺15, SJD⁺15, WHY⁺15]. **Compton** [JM16, KT16, MH17, Rig17]. **Computation** [FN17, KBW13, WkZ14]. **Computational** [CJT⁺12, DATP17, HNAC⁺15, KGC11]. **Computed** [MPM⁺17, WZ17]. **Computer** [ODBP15]. **Computing** [KLS⁺17, StTBRV12]. **Concise** [KO16]. **Condition** [CLC13, Sdi13]. **Conditional** [GL17]. **Conditionally** [CHPS09]. **Conditions** [ZC15]. **Conductivities** [BGM14, CFdGK09]. **Conductivity** [WR14]. **Cone** [JM16]. **Confidence** [Per17]. **Conformal** [AKZ13, CHL16, LTW⁺10, SWGL15, WkZ14, LL14]. **Conical** [MH17]. **Conjugate** [CZ10]. **Connectedness** [NL10]. **Connections** [NPJI17, StTBRV12]. **Connectivity** [LPP⁺09]. **Consensus** [TS14]. **Conservative** [FPM17]. **Consistent** [DATP17]. **Consisting** [JM16]. **Constant** [LO17, NS14, NNZC08, OJ16]. **Constrained** [ATTY16, BC15, BWB14, CTY13, CPP09, CCMY15, CGN⁺13, DGJS16, GS13, MB15, MB16]. **Constrains** [KZ14]. **Constraint** [HP11, LLBS14]. **Constraints** [AB10, AMY16, KR13, SNB13]. **Content** [AE08]. **Continuation** [RM10]. **Continuous** [CCKW14, CGTN11, Gol11, GL09, LS11, PWSU16, SBFA15, SBFA16, WY14]. **Contour** [Get11, NTV10]. **Contours** [ARY10, BBP09, JPC12, SDM17]. **Contraction** [HY12]. **Contractive** [LY15]. **Contrario** [CCBR13, LRP17, SNB13]. **Contrast** [DD10, WN13b]. **Control** [ATTY16, BMW09, LPP⁺09]. **Controlled** [BV16, WR14]. **Convergence** [ACL16, CTWY15, GBFA10, GBFA12, HY12, HYY14, HMY16, Ish14, Naj17, RB15, LDCG14]. **Convergent** [HW13, LY13, TBKF15]. **Conversion** [HMS17]. **Convex** [AR15, BR15, BK17, CCZ13, CCP12, CPP09, CCMY15, CJPT15, CAT08, Dar15, DZ13, EZC10, GSC13, HHR08, HL13, HPZ16, KYW13, KLS⁺17, LY15, ÖSB15, PYAC13, PCBC10, PYA⁺12, SO08, SCC14, SS13, TSG⁺11, ZWN14]. **Convexity** [ACL16]. **Convolution** [ACN16, CDS17, HK14, LLLX17, Rom09, YGLD17]. **Coordinate** [FW10, XY13]. **Cormack** [RLL14]. **Cormack-Type** [RLL14]. **Corner** [KZS14]. **Corners** [GB11]. **Correcting** [MHP17]. **Correction** [BZNC16, CN17, DD10, HL13, KT14]. **Correlated** [AC12]. **Correlation**

[FGPT17, GS10, GPST13, IVW16, Voc15]. **Correlation-Based** [FGPT17, GPST13]. **Correlations** [GP09]. **Corresponding** [CFdGK09]. **Corrupted** [Yan13]. **Could** [REM17]. **Coupled** [PCP⁺16, SCC14]. **Covariance** [CLMT15, KKS15]. **Covariant** [BB14, FAS⁺15, DPSV17]. **Cradle** [YCF⁺16]. **Criterion** [ROD15]. **Cross** [GP09, GS10]. **Cryo** [BGPS17, SS12, SS11, SZSH11, WSW13, KKS15]. **Cryo-Electron** [SZSH11]. **Cryo-EM** [BGPS17, SS12, SS11, WSW13, KKS15]. **Crystalline** [HSSP09]. **CT** [ZD16]. **Curl** [PS11]. **Current** [BGM14]. **Curvature** [BL14b, CLK14, CFSS16, MMM12, MGKR15, ZC12]. **Curve** [BG14, RG16]. **Curvelet** [EHB09, Sto11]. **Curvelets** [GTO14]. **Curves** [BBHMA17, BMP13, CAT08, Get11, KK08, RLL14, SMSY11]. **Curvilinear** [FW10, GWY09]. **Cut** [LO17]. **Cycles** [RG16]. **Cyclic** [BLSW14]. **Cylinder** [MH17]. **Cylindrical** [Hal11].

D [GBFA12, CCBB14, DSYT10, GS13, GTO14, GBFA10, HRSZ16, HMS17, LHW⁺15, PS11, UC13, WLYU15, YY13]. **D-Bar** [HRSZ16]. **Data** [ABK15, AAB⁺11, BDMS15, BLSW14, BG15, CDS17, Car10, CH16, CJK10, DPH⁺13, DL14, DLY17, ETT15, FA09, GPPM15, GSZ17, HQ16, HP15, HL13, Hub13, JGM⁺12, Kla11, KT16, SAS17, SX12, WDS14, ZD16]. **Data-Driven** [BDMS15, ZD16]. **Data-Fidelity** [HL13]. **Datasets** [RR15]. **Deblurring** [BAS15, COS09, CTY13, Che14, CvG10, FKLS12, LLS⁺13, LEZX14, MYZ13, MRSS08, OV14]. **Decay** [WCU13]. **Decoding** [ISW13]. **Decolorization** [JLN14]. **Decomposition** [AdHW15, AT11, CTWY15, FKLS12, OV14, Sto11, YY13]. **Decompositions** [BGM⁺16, HKBH13, Tii14]. **Decompression** [BH12, BH15a, BH15b, SYO15]. **Deconvolution** [BR15, BCP13a, Car10, EHB09, GS10, GS13, JBS17, Mar09, ZBBO10]. **Definite** [CKA17]. **Definition** [Con17]. **Deflection** [SJD⁺15]. **Deformation** [ADK15, SY14, SWGL15]. **Deformations** [LL14, Wol09]. **Deforming** [SMSY11]. **Degree** [Lip14]. **Dehazing** [FLZ14, GVCPB15]. **Denoising** [All09, BLSW14, BL14b, BLC10, FPM17, FLZ14, FQXC17, KYW13, LMSY13, LMM17, LNPS17, LBM13, MGKR15, RE15, REM17, SSN09, TM16a, WSL13, WM13, Wan16a, ZC12, All08]. **Dense** [KGC11]. **Densities** [BGM14]. **Density** [BJM15, BWB14, CFdGK09, CCKW14, CKA17]. **Dependent** [BDM15, BMPT16, TBKF15]. **Depth** [BP14]. **Derivative** [ABG⁺13c, PYW⁺14, Wah15]. **Derivatives** [BB14]. **Descent** [HPZ16, VF13, XY13]. **Descent-Based** [VF13]. **Description** [Nik13]. **Descriptors** [SCM⁺12]. **Design** [CCR⁺12, GPB17, GS16, HP17, KSZ12, LWY16, SN11]. **Detail** [FPM17, GQY14]. **Detail-Preserving** [GQY14]. **Detectable** [HQ16]. **Detection** [BPT11, BP14, BMW09, DKP09, Dro14, FH11, GBFA10, GBFA12, HNAC⁺15, LRP17, LWY16, Mah12, PYW⁺14, PCP⁺16, SDA15, WY10, WFBFA11]. **Detectors** [ES15, JM16, ROD15, SRG10]. **Determination** [KHD⁺15, SS11, WSW13]. **Deterministic** [NDM⁺11]. **Deviations** [WSW13]. **Device** [LWY16]. **Devil** [FPM17]. **Dictionaries** [ADD12, FF13]. **Dictionary** [AE08, BKBD16, LLS⁺13, XZC⁺12]. **Dielectric** [BL14a]. **Diffeomorphic** [ADK15, AMY16, ARY10, BJM15, CT13, MB15, MB16, Sdi13]. **Difference** [CLL11, LZOX15]. **Differences** [BLSW14, HP17, TSG⁺11]. **Different** [DAMM12]. **Differentiable** [AGSW16]. **Differential** [AT11, MTWB14]. **Differentiation** [Bel13]. **Diffraction** [HLST15]. **Diffusion** [BCGR14, Car10,

CDHS13, FQXC17, FFA11, GPB17, GKL13, HR15, QYW10, StTBRV12, SSN09, VBK13]. **Digital** [CNS10, KSZ12, SG15, Zhu16]. **Dimension** [PYAC13, LDCG14]. **Dimensional** [AM16, CDRS16, CvG10, DGH11, Dar15, EKOÅ10, FR14, Gri10, KGV14, KT16, Lou08, MWBB12, OSZ17, SS11, SW13, TMP13, Wol09, LR17]. **Dimensions** [BGM14, BLM14, BG15, BGG17]. **Dipoles** [CV17]. **Direct** [ACI08, CH16, DMTZ16, MTWB14]. **Directed** [WFBFA11]. **Direction** [BMPT16, CYY11, CTY13, GOSB14, OCLP15, SS12, YPC17]. **Direction-** [BMPT16]. **Directional** [CY09, LCS⁺16, Sto11, WT13]. **Directionality** [HZ14]. **Directions** [SW13]. **Discrepancies** [CDS17]. **Discrepancy** [LLSV14]. **Discrete** [BER15, Con17, FPPA14, HR15, MC16, RW13, SWGL15, WkZ14, WDCT09]. **Discretization** [KK17, WR14]. **Dispersed** [Ish14]. **Dispersed-Dot** [Ish14]. **Displacement** [BI15]. **Dissipative** [NK16]. **Distance** [LZ17a, Mär11, VF14]. **Distances** [CAT08, DAMM12, MD15, NS17, ZvDT⁺17]. **Distortion** [SCGAF⁺15]. **Distributed** [AC12, WY12]. **Distribution** [CDH16, DHSS13, DPC13, HSSP09, PYA⁺12]. **Distribution-Based** [PYA⁺12]. **Distributions** [CKA17, SNDP13]. **Dithering** [TSG⁺11]. **Divergence** [PS11]. **Diverse** [CB11]. **Diversity** [PFS10]. **Division** [SCGAF⁺15]. **Domain** [ABK15, CTWY15, EHB09, KZ15, LZ16, WZ17, ZD16]. **Domains** [CYY11, Gri10, HP15, RBLS14, Wol09]. **Dot** [Ish14]. **Douglas** [BPS16]. **Douglas-Rachford** [BPS16]. **Driven** [BDMS15, FFA11, ZD16]. **Dual** [CTWY15, CY09, CGN⁺13, CP16, DHN09, EZC10, Gol11, HY12, HYY14, KZ15, MSMC15, OV14, ST11, WT10]. **Dual-Domain** [KZ15]. **Dyadic** [AdHW15]. **Dynamic** [CV13, HQ16, TA14]. **Dynamical** [STCB13]. **Dynamics** [HSH13]. **Earth** [Tsy09a]. **Echo** [FA09]. **Echo-Based** [FA09]. **Echolocation** [ATW14]. **Edge** [BPG08, GY12, GL13, KGB15, Mah12, PYW⁺14, SRG10, YYZW09]. **Edge-Matching** [KGB15]. **Edge-Preserving** [YYZW09]. **Edges** [BMW09, DB13, GL09, HNAC⁺15]. **Editor** [Sap08]. **Editor-in-Chief** [Sap08]. **Effect** [ADK15, ES15]. **Effective** [YK16]. **Effects** [DD10, KSPR17]. **Efficient** [ACN16, BG14, DHN09, Fou10, GL17, HHMT16, HDH16, NDM⁺11, NNZC08, QSUZ11, RB15, RDSK09, SZW14]. **Eigenmap** [LZ17a]. **Eigenvalues** [GPB17]. **Eigenvectors** [SS11, SZSH11]. **Eikonal** [GLQ15]. **Elastic** [ACI08, HLLS14, MPM⁺17, RW09, YJL⁺17]. **Elastica** [THC11, YK16]. **Elasticity** [ABG⁺13c, OGL15]. **Elastography** [BI15]. **Electric** [ABG13a, HHR08]. **Electrical** [AAJ⁺16, AM16, AKLS17, DHSS13, Gri10, HRSZ16, PAM12, SAS17, WR14]. **Electrolocation** [ABG13a]. **Electromagnetic** [BLM14, CH16, LN13, LLW13, Wah15]. **Electromagnetism** [LR17]. **Electron** [Kla11, SZSH11]. **Elliptic** [AB10]. **Ellipticity** [AZ13]. **Empirical** [GTO14]. **Endowed** [MCL16]. **Energy** [CvG10, DL14, DB13, Ish14, SSSW09, BS09]. **Engine** [REM17]. **Enhanced** [GVCBP15]. **Enhancement** [GM10, GKL13, WN13b]. **Enhancing** [GM15, HR15]. **Ensuring** [NL10]. **Entropic** [EHL17, Pey15]. **Equalization** [WN13b]. **Equation** [BS15, CFM15, Hub13, MPM⁺17]. **Equations** [AT11, Car10, Dar15, GKL13, MS17, STV09]. **Erratum** [GBFA12, SBFA16]. **Esedoglu** [CFM15]. **Essential** [TD17]. **Estimation**

[ADK15, BGV09, BCP13b, CDH16, CKA17, CN17, CLMT15, DSYT10, DAMM12, DPC13, DATP17, FA09, FFA11, GPST13, KSZ11, KKS15, KBW13, MHP17, ÖSB15, Per17, SCGAF⁺15, SS12, SY14, SDA15]. **estimator** [DVFP14]. **Euler** [HP11, THC11, YK16]. **Even** [BHV12]. **Evolution** [BG14, SV08]. **Exact** [CJPT15, JM16, SBFA15, SBFA16]. **Example** [LRP17]. **Examples** [All08, All09]. **Exchangeable** [FH11]. **Exemplar** [CGMP11]. **Exemplar-Based** [CGMP11]. **Expansion** [FH15]. **Expansions** [RLL14]. **Expectation** [LLSZ09, LM13]. **Expectation-Maximization** [LLSZ09]. **Experimental** [SN11, TBKF15]. **Experiments** [GPB17, LM13, SWGL15]. **Explicit** [HLST15]. **Expression** [DL14]. **Extended** [AGK⁺12, BPG08, GM10, TMP13]. **Extending** [Naj17]. **Exterior** [SM16]. **Extraction** [BAA14, WLTC12, YPC17]. **Extrapolation** [RDSK09]. **Extremal** [MCL16].

Fabric [NNYZ17]. **Faces** [LRP17]. **Facial** [HKBH13]. **Factor** [AKZ13]. **Factorization** [GS17, LN13, XY13]. **Fading** [FSY09]. **Family** [AZ13, RLL14]. **Far** [GS17, HLLS14, LLW13]. **Far-Field** [HLLS14, LLW13]. **Faraday** [KK17]. **Fast** [AB10, ACN16, BT09, BBC11, BAA14, BAS15, BGP⁺17, BKSW14, CTY13, CHH⁺12, FLZ14, FGPT17, GS13, GOSB14, IVW16, KBW13, LO17, LY12, SAS17, SW14, THC11, YYZW09, YK16, Zhu16, CLL15]. **Faster** [FK10]. **Fatemi** [CTWY15, NPJI17]. **Fatness** [AKLS17]. **Feasibility** [LSW14]. **Feature** [DB10, FH15, MCL16, ROD15, Rig17, WLTC12]. **Feature-Endowed** [MCL16]. **Feature-Preserving** [DB10]. **Features** [DGH11, RDG09]. **Few** [OJ16]. **Fiber** [CDH16]. **Fidelity** [HL13, WZYX13]. **Fidelity-Beltrami-Sparsity** [WZYX13]. **Field** [BL14a, Bat10, DLLY17, FA09, Fou10, GS17, HLLS14, LLW13, MWBK14, NS17, NL10, PCP⁺16, Sdi13, SSSW09]. **Fields** [AC12, CY09, CCFBY13, FW10, KvD12, NPJI17, PS11]. **Figure** [PYA⁺12]. **Figure-Ground** [PYA⁺12]. **Film** [HMS17]. **Filter** [BHI11, FGPT17, LR16, LM11, Mah12]. **Filtering** [Ang13, Bel13, BPT11, BCOM08, GZC⁺15, KZ15, NT11, RDSK09, SMSY11, WDCT09]. **Filters** [Mil13, SSN09]. **Filtrated** [TV17]. **Finding** [ELX13]. **Fine** [Dro14]. **Fingerprinting** [DPVW14, WE17]. **Finite** [CLL11, Dar15, HP17]. **Finite-Difference** [CLL11]. **Finite-Dimensional** [Dar15]. **First** [BBC11, EZC10, GT15]. **First-Order** [BBC11]. **Fish** [ABG13a]. **Fitting** [CJK10]. **FLASH** [CLL15]. **Flexible** [CSS08]. **Flicker** [DD10]. **Flicker-Like** [DD10]. **Flickering** [SG15]. **Flow** [BGK15, BMW09, CFSS16, CGTN11, HP11, KGC11, PYA⁺12, SXS⁺15, LDCG14, WkZ14]. **Flows** [CMY10, FSV10, Pey15, GWY09]. **Fluctuations** [SSSW09]. **Fluid** [PM08]. **Fluidic** [RW13]. **Fluorescence** [DLW16, RZ13]. **Flutter** [TMR13, TM16b]. **fMRI** [JGM⁺12]. **Focus** [LEZX14]. **Focusing** [ES15]. **Formal** [GBFA10, GBFA12]. **Formation** [GPPM15]. **Formula** [FAS⁺15]. **Formulas** [Hal11, HF12]. **Formulation** [CTWY15, CBB14]. **formulations** [BS09]. **Forward** [GKL13, HP17, MPM⁺17, RFP13, RL15]. **Forward-Adjoint** [MPM⁺17]. **Forward-Backward** [RFP13, RL15]. **Foundation** [WLYU15]. **Fourier** [BCP13a, AGH14, BGV09, GSZ17, OJ16]. **Fourier-Based** [BCP13a]. **Fourth** [Dro14]. **Fractal** [LVEB09]. **Fractional** [BS15, ZC15]. **Fractional-Order** [ZC15]. **Frame** [Bat10, COS09, CCMS13, Che14,

LZD⁺16, STY11, TZS13, ZD16].
Frame-Based [COS09, Che14, STY11].
Framelet [LCS⁺16]. **Framelet-Based** [LCS⁺16]. **Framelets** [HZ14, YGLD17].
Frames [GL13, PWSU16]. **Framework** [AKLS17, Bat10, BBHMA17, BH15a, BH15b, DPVW14, DMSC16, EZC10, Gil14a, GSZ17, LZ16, MY09, Naj17, PABT17, SNM17, TS14, UC13, YJL⁺17, ZTO15].
Fréchet [DATP17]. **Fredholm** [CCBB14].
Free [FH11, Rig17]. **Frequency** [BGPS17, BPT11, BMPT16, BG15, FPM17, LS17].
Frequency-Dependent [BMPT16].
Frobenius [CHM13]. **Fully** [MY09].
Function [BHI11, DAMM12, HP15, Mah12, NS17, NL10, SDA15]. **Functionals** [ABG⁺13c, BPS16, BGM⁺16, HK14, KR13, WH15]. **Functions** [AL15, HSSP09, LO17, Mär11, TSG⁺11].
Fundamental [LLLX17]. **Fusion** [DBCS14, HBM12, KZS14]. **Fuzzy** [LNZS10].

Galaxy [AZ13]. **Gamma** [AC12, CYZ14].
Gauge [KvD12]. **Gaussian** [DD13, CHPS09, CKA17, CJPT15, GL17, GPB17, WM13, XFPA14, Yan13].
Gaussian-Impulse [DD13]. **GCV** [GS13].
Gene [DL14]. **General** [DMSC16, EHB09, EZC10, KK08, LO17, SHS10].
Generalization [BHS09]. **Generalizations** [LSW14, Yin10]. **Generalized** [ABG⁺13b, AH17, BS09, BKP10, CDHS13, Che14, CLMT15, KR17, LHW⁺15, LLC14, RFP13, RL15, SSSW09, VBK13, WLYU15].
Generation [ADGM14, AC12, BCC⁺16].
Generic [RZ15]. **Genus** [CLL15, CHL16, LW14]. **Genus-** [CLL15, CHL16]. **Geodesic** [BER15, CKL17, Mon14, RW13, StTBRV12, SV08].
Geodesics [BDMS15, FN17, KN14, NPV16, ZBO14].
Geometric [BGL13, DSYT10, DGH11, DB10, FH15, GSC12, HMS17, LW14, SMSY11, SNB13].
Geometrically [CGMP11]. **Geometries** [BAA14]. **Geometry** [AKR13, CLMT15, LPP⁺09]. **Gesture** [LWY16]. **Gesture-Based** [LWY16].
Gillette [CFM15]. **Ginzburg** [DB13].
Global [CK09, EKOÁ10, KGB15, Nik13, NL10, PCBC10, TM16a]. **Globally** [LY13, TBKF15]. **GPU** [ACN16, HMS17].
GrAdient [DVFP14, ABR10, CMY10, CZ10, Dro14, HPZ11, HYY14, HPZ16, MSMC15, Pey15, STY11]. **Gradient-Based** [HPZ11]. **Gradients** [KD12, NW13b].
Grain [HSSP09]. **Graph** [EHL17]. **Graphs** [CE12, CGN⁺13, ETT15, LO17, MKB13, RL15, SDM17]. **Grayvalue** [BHS09]. **Green** [Mah12]. **Grid** [Fou10, OJ16]. **Grids** [FL12, SC10]. **Ground** [PYA⁺12]. **Groups** [ZBO14]. **Guarantees** [KBW13, RB15].
Guided [CGMP11, EB16, FL12, GY12, HMS17, WM13]. **Guidefill** [HMS17].

Haar [CSS08, LCS⁺16]. **Haar-Wavelet** [CSS08]. **Hadamard** [BPS16]. **Half** [RZ15].
Half-Quadratic [RZ15]. **Halftoning** [Ish14]. **Hamilton** [Dar15]. **Harmonic** [AGM14, GWY09, CLL15]. **HDR** [ADGM14]. **Head** [BP14]. **Heavy** [BPT11].
Helmholtz [FH11]. **Hessian** [LPSS15, WE17]. **Heterogeneity** [KKS15].
Heterogeneous [HLST15, MQLC16, PCP⁺16]. **Hidden** [HLKH14]. **Hierarchical** [JGM⁺12]. **High** [BGG17, BLC10, FPM17, LW14, MWBB12, PYAC13, PAM12, TA14, WZ17, WT10].
High-Dimension [PYAC13]. **High-Genus** [LW14]. **High-Order** [PAM12].
High-Speed [WZ17]. **Higher** [DB10, FQC16, JK15, QYW10, SNDP13, SRG10].
Higher-Order [DB10, FQC16, JK15, SNDP13]. **Highly** [SAS17]. **Hilliard** [BKSW14, BS15, BHS09, CFM15].
Hippocampal [WLTC12]. **Histogram**

[SS13, WN13b]. **Holography** [AGM14]. **Homodyned** [DPC13]. **Homogeneous** [BGM⁺16, SDA15]. **Homography** [LLLX17]. **Horn** [LDCG14]. **Hough** [BMP13]. **Hubble** [Car10]. **Human** [BCGR14]. **Hybrid** [HRSZ16, HYY14, MSMC15, RGZ13]. **Hyperbolic** [DMTZ16]. **Hyperfields** [GTU14]. **Hypermodels** [CHPS09]. **Hyperspectral** [RKT⁺13, XZC⁺12]. **Hypersurfaces** [BHM12]. **Hypoelliptic** [BCGR14]. **Hypothesis** [Dem09].

Identifiability [BR15]. **Identification** [AB10, ATW14, CJ12, GM15, LQS14, SNM17]. **II** [All08, BH15b, DGH11, LHW⁺15, NW13b]. **III** [All09]. **III** [KR13]. **III-Posed** [KR13]. **Illumination** [BPG08, DGH11, NMP15, SG15, WFBFA11]. **Illusory** [KZS14]. **Image** [AC09, ADGM14, AE08, All09, AT11, ABR10, ADD12, Bat10, BB14, Bel13, BG14, BL14b, BAS15, BC15, BDM15, BCP13a, BH15a, BH15b, COS09, CCZ13, CMY10, CCBR13, CLK14, CLL11, CYY11, CYZ14, CPP09, CZ10, CHH⁺12, Che14, CJPT13, CJPT15, CFSS16, DGH11, DPSV17, DD10, DB13, DHN09, DGJS16, DBCS14, EHB09, ETT15, FLZ14, FF13, FQC16, FQXC17, FFA11, FKLS12, GVCPC15, Get11, Gol11, GKL13, GL13, GSZ17, HBFA14, HP11, HBM12, HW13, HL13, HK14, JLN14, JK15, KD12, KGV14, KRW10, KT16, KSPR17, LMSY13, LBM13, LLBS14, LNZZ10, LZ16, LLS⁺13, LZ17b, LR16, LZOX15, Lou08, MYZ13, MB15, MB16, MS17, Mär11, MKB13, MY09, MRSS08, MGKR15, Nat16, NW13a, NW13b, NPJI17, OV14, OSZ17, PM08, PAB⁺15, PV14, RZ15, RE15, RDSK09, STY11, SDA15]. **Image** [SS13, TZS13, TPG16, TM12, Tii14, VZE16, VSU15, VF13, VF14, WYYZ08, WZYX13, WSL13, WM13, WN13a, WN13b, YYZW09,

YK16, YGLD17, ZD16, ZC15, ZBN17, ZC12, Zhu16, All08, BS09, MSKL09]. **Image-Driven** [FFA11]. **Image-Signature-Dictionary** [AE08]. **Image/Video** [Zhu16]. **Imagery** [Car10, WY17]. **Images** [AC12, BHI11, BPS16, BER15, BGL13, BP14, BHS09, CC14, CYZ14, CBB14, Dem09, DZ13, FBU15, FAS⁺15, GBFA10, KT14, LVEB09, LS17, LY12, LNPS17, MWBB12, MB10, NDM⁺11, NNZC08, OJ16, PCP⁺16, SDZ15, SM16, SZSH11, SW14, SG15, WSW13, Wan16b, XZC⁺12, Yan13, YCF⁺16, BGV09, GBFA12]. **Imaging** [ACI08, AAB⁺11, AGK⁺12, ABG⁺13c, AGM14, AdHW15, ACL16, BR15, BGM14, BL14a, BV16, BPG08, BPT11, BCP13b, BK15, BMPT16, BK17, BGP⁺17, BCC⁺16, BCMO08, CCMS13, CFdGK09, CDRS16, CV17, CMP14, CHH⁺12, CDHS13, CH16, CK09, Dar15, DFM⁺12, DLLY17, Dro14, ES15, EZC10, Fan09, FSY09, FGPT17, GP09, GPST13, GP14, GP15, GPST15, GPB17, GT15, GPPM15, GH15, GM10, GY12, GS16, HLST15, HP17, KK17, LLSV14, LY15, LCS⁺16, MNP16, MNPT17, MB10, Mui09, NMP15, PPE⁺09, QYW10, RKT⁺13, RB15, Sap10, StTBRV12, ST11, SSSW09, SJD⁺15, SG15, TBKF15, TA14, TMP13, Tsy09a, Tsy09b, VBK13, Voc15, WY12, WY14]. **Impedance** [AAJ⁺16, AM16, AKLS17, DHSS13, Gri10, GH15, HRSZ16, HHR08, PAM12, SAS17, WR14]. **Implementation** [LHW⁺15, Mon14]. **Implementations** [ACN16]. **Implicit** [Bel13, Fou10, HLST15]. **Implicit-Explicit** [HLST15]. **Improper** [CAT08]. **Improved** [BAS15, SRG10]. **Improvement** [CBB14]. **Impulse** [DD13, MYZ13, Yan13, ZBN17]. **Impulsive** [CJ12]. **Incidence** [BG15]. **Inclusion** [ACI08, HHMT16]. **Inclusions** [BLM14, Gri10, Wah15, YJL⁺17]. **Incomplete** [CCBB14, XZC⁺12]. **Incompressible** [HLKH14, Wol09].

Increasing [HZ14]. **Incremental** [WMT⁺09]. **Independently** [GOF16]. **Indicator** [AL15]. **Induction** [QS15]. **Inequalities** [ACSW12, LLBS14]. **Inertial** [CCMY15, OCBP14, PS16]. **Inexact** [MB15]. **Inference** [SN11]. **Infimal** [CDS17, HK14]. **Infinite** [BL14a]. **Influence** [SM16]. **Information** [AM16, BJM15, CH16, KLS⁺17]. **Information-Theoretic** [KLS⁺17]. **Inpainting** [BKSW14, BS15, BHS09, CGMP11, CSS08, CYY11, GL17, GK14, HP11, HMS17, LZ16, Mär11, NAF⁺14, WSL13, Yan13, YK16]. **Inspection** [NNYZ17]. **Inspired** [CCR⁺12]. **Instance** [SZW14]. **Instantaneous** [MB10]. **Instruction** [LWY16]. **Instruction/Input** [LWY16]. **Integrability** [CHM13, Tii14]. **Integral** [CCBB14, FGS12]. **Integro** [AT11]. **Integro-Differential** [AT11]. **Intended** [MB10]. **Intensity** [BMW09, DPC13, KT14, KSPR17, LL14, LY12, MNPT17, NMP15]. **Intensity-Based** [LL14]. **Intensity-Only** [MNPT17, NMP15]. **Interactions** [NL10]. **Interactive** [PABT17]. **Interest** [SNB13]. **Interferometric** [MNPT17]. **Interior** [LHW⁺15, WLYU15]. **Interpolated** [SM16]. **Interpolation** [CLK14, Get11, KD12, Sdi13]. **Interpretation** [SO13, SSN09]. **Interslice** [Sdi13]. **Intrinsic** [WLTC12]. **Invariance** [WFBFA11]. **Invariant** [AKR13, LZ17a, LLLX17, MY09, RR15, SCM⁺12, VSU15, ZBO14]. **Invariants** [FGS12]. **Inverse** [AKM11, AAJ⁺16, BT09, BG15, BGG17, Che14, CPW⁺14, CJT⁺12, GS17, Han12, HP17, HLLS14, KR17, LR17, LN13, Mar09, SO08, TBKF15, VZE16, WZYX13]. **Inversion** [DLW16, DMTZ16, Hal11, JM16, Mon14, MH17, YY15]. **Invertibility** [SCGAF⁺15, Sdi13]. **Ionosphere** [Tsy09a]. **iPALM** [PS16]. **iPiano** [OCBP14]. **Isometric** [Wol09]. **Isometry** [BH17]. **Isotropic** [GPB17, LZOX15]. **Iterated** [BHI11]. **Iteration** [WT10]. **Iterations** [COS09, KR17]. **Iterative** [BT09, BAS15, CLK14, CPP09, HN17, WY10, YOGD08]. **Iteratively** [ODBP15]. **Jacobi** [Dar15]. **Joint** [DSYT10, DLW16, JHSX11, JBS17, OGL15, YJL⁺17]. **JPEG** [BH12]. **Junctions** [BG14]. **Kalman** [GZC⁺15]. **Kantorovich** [LLSV14, MSKL09]. **KDE** [FK10]. **Kernel** [ACSW12, CKA17, RLL14, RG16]. **Kernel-Based** [ACSW12]. **Kernels** [FSV10]. **Kirchhoff** [DL14]. **Knowledge** [FGS12, KZ14]. **Known** [KT14]. **Krylov** [MB15, YY17]. **Labeling** [GSC13, LS11]. **Lagrangian** [LLS⁺13, MGKR15, THC11, WT10]. **Lagrangian-Based** [LLS⁺13]. **Lambertian** [CT17]. **Landau** [DB13]. **Landmark** [CKL17, CLL15, LL14, LTW⁺10, LLYG14, MS17]. **Landmark-** [LL14]. **Landmarks** [MMM12]. **Langevin** [MS17]. **Laplace** [LZ17a]. **Laplacian** [ETT15]. **Large** [FR14, HPZ16, LL14, SN11, WE17]. **Large-Scale** [HPZ16, WE17]. **Larger** [HMY16]. **Lattice** [NNYZ17]. **Lattice-Based** [NNYZ17]. **Law** [KK17]. **Laws** [SV08]. **Layered** [GS10]. **Layover** [WY17]. **LDDMM** [SNDP13]. **Learn** [LO17]. **Learning** [BKBD16, KP13, NS17, PFS10, XZC⁺12]. **LEAst** [DPSV17, ELX13, Nik13, SBFA15, SBFA16, WSW13]. **LEAst-Square** [DPSV17]. **Left** [ZBO14]. **Left-Invariant** [ZBO14]. **Length** [WMT⁺09]. **Lens** [GS16, SCGAF⁺15]. **Level** [AKM11, GB11, KYW13, KBW13, RGLB14, SV08, SDA15, WFBFA11]. **Level-Set** [SV08]. **Level-Set-based** [RGLB14]. **Levels** [BH17]. **Lifting** [BR15]. **Light**

[KZ14, MWBK14, SJD⁺15, WFBFA11].
Like [DD10, Kla11, MD15, BPS16].
Likelihood [CJPT15]. **Likely** [KSPR17].
Limited [AAB⁺11, AH17, Kla11, KRW10, SM16].
Limited-View [AAB⁺11]. **Limiting** [HVW15]. **Line** [HF12, JM16, KGC11].
Linear [AL15, ACL16, AH17, BT09, BCMO08, DLLY17, FAS⁺15, KR13, STCB13, SN11, WSL13]. **Linearization** [BGG17]. **Linearized** [AAJ⁺16, COS09, Che14, LSW14, OCLP15, PS16, Yin10].
Linearly [BC15, CCMY15, LY13]. **Lines** [SS11, WFBFA11]. **Lipschitz** [BC15].
Lithography [CJT⁺12]. **Little** [REM17].
Lobe [MQLC16]. **Local** [ACL16, BHM12, CFdGK09, DGH11, DD10, DLLY17, FH15, IVW16, KSZ11, LLSZ09, LM11, RDG09, YGLD17, ZTO15].
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MAGMA [HPZ16]. **Magnetic** [BCC⁺16, DPVW14, LCS⁺16, QS15, RB15, SAS17, WE17]. **Magnetoacoustic** [QS15].
Majorize [CJPT13]. **Majorize-Minimize** [CJPT13]. **Malik** [GKL13]. **Manhattan** [BAA14]. **Manifold** [EHL17, LNPS17, OSZ17, TD17, WDS14].
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Maximum [CGTN11, Per17]. **Maximum-a-Posteriori** [Per17]. **MaxPol** [HP17]. **MBO** [MKB13]. **Mean** [CFSS16, DPC13, FK10, NPJI17, ZC12, MGKR15].
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Measurement [AGM14, LLW13]. **Measurements** [AGH14, AH17, CFdGK09, CCBB14, GS17, IVW16, KBW13, MNPT17, PV14, TBKF15, WHY⁺15]. **Measures** [AZ13]. **Measuring** [SG15]. **Media** [BL14a, BK17, FSY09, GS10, YJL⁺17].
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Message [Sap08]. **Method** [AL15, AH17, ABR10, BBC11, CCZ13, CLL11, CYY11, CTY13, CYZ14, CZ10, CH16, CDH16, CJK10, CJ12, DPC13, DLLY17, DHN09, Dro14, ELX13, FKLS12, GLQ15, GS17, HRSZ16, HLST15, HNW09,

Kla11, LY12, LR17, LN13, LNzs10, LY15, LLS⁺13, LZD⁺16, LZ17b, LSW14, LQS14, MSMC15, NLH⁺16, OCLP15, Pal16, RGZ13, SO08, THC11, WN13b, WT10, WE17, XY13, YPC17, YK16, Yin10, GWY09, GO09]. **Methods** [AKM11, ACSW12, CDRS16, CTWY15, Dar15, DGJS16, FW14, GEB15, Gol11, GOSB14, GM10, HPZ11, HN17, HL13, KGC11, LLLX17, Mar09, MRSS08, RDSK09, WT10, BS09]. **Metric** [KN14, MD15, SMSY11]. **Metrics** [BHM12, BBHMA17, FAS⁺15, NPV16, RR15, RG16]. **Micro** [CDRS16]. **Microscopy** [SZSH11]. **Migration** [AdHW15]. **Minimal** [CCP12, KLS⁺17]. **Minimax** [ACSW12]. **Minimization** [CZ10, Che14, CvG10, Con17, HPZ16, KHD⁺15, LLC14, MLH17, NW13a, NNZC08, OGL15, PS16, SX12, WYYZ08, YOGD08]. **Minimize** [CJPT13]. **Minimizer** [Nik13]. **Minimizers** [Nik13]. **Minimizing** [BPS16]. **Minimum** [Ish14, WMT⁺09]. **Mining** [JGM⁺12]. **Mirror** [HPZ16]. **Missing** [CJ14]. **Mixed** [AAD⁺08, ADK15, CDS17, CCFBY13, DD13, HL13, Yan13]. **Mixed-State** [CCFBY13]. **Mixing** [XFPA14]. **Mixture** [BP14, WM13]. **Mobile** [ABG⁺13b]. **Modality** [Rig17]. **Mode** [YY13]. **Model** [ADK15, BS15, BP14, BH12, CCZ13, CTWY15, DZ13, DMTZ16, DBCS14, FW14, FQC16, GT15, GDF15, HDH16, KYW13, LLC14, LZOX15, LM13, MF13, NW11, OSZ17, OGL15, PAB⁺15, PCP⁺16, SO08, SX12, SNB13, THC11, WZYX13, WH15, ZC15, ZWN14]. **Model-Based** [LLC14]. **Modeling** [AE08, ABG13a, CCFBY13, MAP11, SY14]. **Modelling** [ES15]. **Models** [CT17, CTY13, CK09, Dro14, DMSC16, FQXC17, FFA11, GDF15, HW13, HVW15, KP13, LY13, MLH17, NPJI17, NL10, PCBC10, SXS⁺15, SCGAF⁺15, SN11, TM16b, WT10, XFPA14]. **Modification** [CFdGK09]. **Modulus** [DGJS16]. **Moments** [DPC13]. **Momentum** [SNDP13]. **Monge** [MSKL09, STV09]. **Monogenic** [Sto11]. **Morphing** [RGLB14]. **Morphological** [Ang13, PFS10]. **Morphology** [PH14]. **Most** [KSPR17]. **Motion** [BCP13b, BMW09, CN17, CCFBY13, EKOÁ10, FA09, FH11, GOF16, HLKH14, KSZ11, ÖSB15, PM08, SXS⁺15, SNM17]. **Motion-Flow** [SXS⁺15]. **Motor** [CHM13]. **Mouse** [DL14]. **Movement** [DGH11]. **Moving** [BGK15, BGP⁺17, CB11, DKP09, FGPT17, GOF16, WY12, WY14]. **Moving-Target** [CB11]. **MR** [CHH⁺12, KT14]. **MRI** [EB16, HR15]. **Muller** [NDM⁺11]. **Multi** [WZ17]. **Multi-Domain** [WZ17]. **Multiatlas** [GZC⁺15]. **Multichannel** [JBS17, MB10, WZYX13, YYZW09]. **Multiclass** [LS11]. **Multicontrast** [EB16]. **Multiconvex** [XY13]. **Multidimensional** [BMW09]. **Multifrequency** [AAJ⁺16, GH15, GS17, MNPT17]. **Multigrid** [BLC10]. **Multilabel** [PYAC13]. **Multilevel** [HPZ16, KGC11]. **Multiphase** [LNzs10, TZS13]. **Multiple** [ATTY16, ARF16, BG15, DVFP14, FSY09, GH15, LR17, LLW13, SC10, WHY⁺15]. **Multiple-Secret** [SC10]. **Multiplexing** [SXS⁺15]. **Multiplicative** [CYZ14, DZ13, HNw09, KYW13, LNS10, SO08, ZWN14]. **Multipliers** [CTY13, OCLP15, YPC17]. **Multiresolution** [MRSS08, NLH⁺16]. **Multiscale** [AdHW15, BF15, CC14, FPM17, FAS⁺15, FQXC17, HLLS14, JGM⁺12, KRW10, LZ17a, LHW⁺15, LLW13, Sto11, ZvDT⁺17]. **Multispectral** [GB11]. **Multistatic** [AGK⁺12]. **Multivalued** [StTBRV12]. **Multiview** [PV14]. **Multiwindow** [BF15]. **Mumford** [CCZ13, HP11, Kla11, KR13, Mah12]. **Nanostructures** [CDRS16]. **Narrowband** [WY14]. **Natural** [FQC16, GSC12]. **Near**

[BL14a, DLLY17, FA09, MWBK14].
Near-Field [BL14a, DLLY17, FA09].
Neighborhood [SSN09]. **NESTA** [BBC11].
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[FGPT17, KK17]. **Networks** [Wan16a].
Neumann [QSUZ11]. **Neural** [Wan16a].
Neuroanatomical [DL14, RGLB14].
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NMR [SX12]. **Noise**
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FW14, FQC16, GS10, GPST13, GPST15,
GPB17, HNW09, JGKL17, KHD⁺15,
KGV14, LNS10, MYZ13, SDZ15, SO08, SG15,
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Non-Lambertian [CT17]. **Non-Lipschitz**
[BC15]. **Non-Local** [ZTO15].
Non-Manhattan [BAA14]. **Nonadditive**
[HL13]. **Nonconvex** [CZ10, HW13, HVW15,
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PYAC13, PS16, YPC17, ZBN17].
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[CDRS16]. **Nonlinear** [AC09, AGM14,
CZ10, CFM15, CJ12, DMTZ16, FQXC17,
Mar09, OGL15, RW09, SO08, ZvDT⁺17].
Nonlocal
[ACSW12, CJ14, CBB14, DBCS14, DAG11,
JGKL17, JPC12, LNPS17, LBM13, LPSS15,
LZ17b, SSN09, YGLD17, ZBBO10].
Nonnegative [ELX13, Gil14b, SX12, XY13].
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[CT13]. **Nonparametric**
[PCP⁺16, SHS10, SDA15]. **Nonrigid**
[AKR13, LZ17a]. **Nonsmooth** [CZ10, HL13,
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Nonstationary [YY15]. **Nonuniform**
[AGH14]. **Nonuniformity** [KT14]. **Norm**
[KGV14, KR13, LY13, Nik13]. **Normal**
[RG16, YK16]. **Norms** [CY09]. **Note**
[Wan16a]. **Novel** [CV13, GSZ17, LWY16].
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[BLM14, BBHMA17, BCD⁺12, CFdGK09,
CNS10, Dro14, FN17, Hub13, Mon14, ZC15].
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Object [AAD⁺08, SY14, SZW14]. **Objects**
[BGP⁺17, DKP09, FSY10, FGPT17, RW13,
SMSY11, TBKF15, WZ17]. **Observer**
[NTV10]. **Obstacle** [BG15]. **Occluded**
[NT11]. **Occlusions** [TCH08]. **Off** [OJ16].
Off-the-Grid [OJ16]. **One**
[BGM⁺16, CvG10, EKOÅ10, FW10, Han12,
KGV14, LR17]. **One-Dimensional**
[EKOÅ10, KGV14]. **One-Homogeneous**
[BGM⁺16]. **One-Way** [FW10]. **Online**
[NTV10]. **Only** [MNPT17, NMP15].
Operator
[ACN16, GLQ15, MPM⁺17, OV14].
Operators [ACN16, EW15]. **Optical**
[BGK15, BMW09, CJT⁺12, KGC11,
SSSW09, LDCG14]. **Optimal** [ATTY16,
BJM15, CCBR13, CLC13, FPPA14,
JGKL17, KR17, NS17, PPO14, TM16b].
Optimality [ABK15]. **Optimization**
[AAD⁺08, BC15, BK15, BK17, CMP14,
CCMY15, DLW16, EKOÅ10, EZC10,
GOSB14, KGC11, KLS⁺17, KP13, OCBP14,
ODBP15, RL15, RM10, RZ15, Sap10, WE17,
XY13, ZWN14]. **Optimization-Based**
[DLW16]. **Optimized** [LTW⁺10]. **Oracle**
[ACSW12]. **Orbiter** [GPPM15]. **Order**
[BHV12, BBC11, BLSW14, BLC10, Dro14,
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PAM12, QYW10, SNDP13, SRG10, WT10,
ZC15]. **Ordering** [VZE16]. **Orientation**
[CDH16, HSSP09, WSW13]. **Orthonormal**
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[Car10]. **Out-of-Focus** [LEZX14]. **Outer**
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Packet [YY13]. **Paintings** [HBM12, YCF⁺16]. **Pair** [MPM⁺17]. **Pairs** [BV16]. **Pansharpening** [DBCS14]. **Parabolic** [AdHW15, HP15, KSZ12]. **Paradigms** [BKBD16]. **Paradox** [TMR13]. **Parallel** [BPS16, CHH⁺12, LCS⁺16, MAP11]. **Parameter** [CJ12, DVFP14, FW14, FFA11, FH11, KP13, NLH⁺16, SCGAF⁺15]. **Parameterization** [CLL15, CHL16]. **Parameters** [CJK10, LNS10, NS14]. **Parametric** [AKM11, BG14, FF13, UC13]. **Parameterization** [KO16]. **Paring** [FK10]. **Part** [BH15a, BH15b, LR17, LHW⁺15, WLYU15]. **Partial** [Hub13]. **Partially** [CHH⁺12, LEZX14, NT11]. **Particle** [NT11]. **Partitioning** [SW14]. **Partitions** [CCBR13, CCP12, KLS⁺17]. **Passive** [BGP⁺17, GP09, GPST13, GP15, WY12]. **PAT** [RGZ13]. **Patch** [DD13, SO13, VZE16]. **Patch-Based** [DD13]. **Patch-Rank** [SO13]. **Patches** [AC09, KZ14, TM12, YGLD17]. **Paths** [BER15]. **Pattern** [FL12, HLLS14]. **Pattern-Guided** [FL12]. **Patterned** [NNYZ17]. **PCA** [BGL13, VSU15]. **PCM** [GSZ17]. **PDE** [AB10, BDMS15]. **PDEs** [LPP⁺09]. **Peaceman** [CDH16, LY15]. **Penalization** [GLQ15]. **Penalization-Regularization-Operator** [GLQ15]. **Penalty** [HR15, SBFA15, SBFA16]. **Douglas** [ACL16]. **Foreground** [YPC17]. **Input** [LWY16]. **Registration** [OGL15]. **Telescope** [GPPM15]. **TV-Image** [FKLS12]. **Underexposed** [HJS13]. **Video** [Zhu16]. **Perfect** [CLC13]. **Performance** [ADGM14, GM15, KBW13, TM16a]. **Perimeter** [KR13]. **Perona** [GKL13]. **Perspective** [BCD⁺12, GZC⁺15, HY12, LLLX17, MTWB14]. **PET** [CK09]. **Peterson** [FN17]. **Petersson** [KN14]. **Pharmacokinetic** [CK09]. **Phase** [ABFM14, AdHW15, CESV13, CH16, IVW16, Sto11]. **Phases** [MNP16]. **Photoacoustic** [CN17, ES15, HN17, HHMT16, Kow14, MPM⁺17, NS14, NK16, QSUZ11, RZ13]. **Photographing** [HBM12]. **Photographs** [DAMM12, HJS13]. **Photomask** [CJT⁺12]. **Photometric** [MF13, MTWB14, MWBK14, MQLC16, SNB13]. **Photon** [KRW10]. **Photon-Limited** [KRW10]. **Pictorial** [KvD12]. **Piecewise** [AGSW16, LO17, NS14, NNZC08, OJ16]. **Piecewise-Bézier** [AGSW16]. **Pixel** [GM15]. **Planar** [HSH13]. **Plane** [CAT08]. **Point** [CLC13, CHL16, DPH⁺13, DAMM12, FSY09, HY12, LZ17a, MWBK14, MCL16, NS17, SZW14]. **Point-Set** [CLC13]. **Point-to-Subspace** [SZW14]. **Points** [GBFA10, GBFA12, SNB13]. **Poisson** [CYZ14, CJPT15, FQC16, GTU14, KHD⁺15, WHY⁺15]. **Poissonian** [Che14]. **Polarizable** [CV17]. **Polarization** [ABFM14, ABG⁺13b]. **Polyenergetic** [CNS10]. **Polynomial** [SCGAF⁺15]. **Pose** [DSYT10]. **Posed** [KR13]. **Posedness** [CT17]. **Positive** [BHV12, CDHS13, CKA17, MC16, QYW10]. **Possible** [AKZ13]. **Posterior** [LM13]. **Posteriori** [Per17]. **Postreconstructed** [Dem09]. **Postregistered** [Dem09]. **Potential** [NL10]. **Power** [BV16, CFdGK09, Naj17]. **Practical** [FAS⁺15]. **Preconditioning** [GM15, RL15]. **Prediction** [SMSY11]. **Presence** [AGM14]. **Preserving** [BCMO08, DB10, GQY14, SY14, YYZW09]. **Primal** [DHN09, EZC10, Gol11, HY12, HYY14, MSMC15, OV14]. **Primal-Dual** [DHN09, EZC10, Gol11, HY12, HYY14, MSMC15, OV14]. **Principal** [BCP13b, LS17]. **Principle** [FH11]. **Prior** [DSYT10, FQC16, HLKH14, LZD⁺16, MYZ13, TCH08]. **Priori** [FGS12, AM16]. **Priors** [HHMT16, SS13]. **Probabilistic** [NTV10, NPJI17, TM16b]. **Probing** [ST11].

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Testing [Dem09]. **Texture** [GL17, Gil14a, JK15, KGV14, Kut13, LLWG13, MAP11, SO13, XFPA14].
Textured [Wan16b]. **Textures** [CCFBY13].

TFV [GSZ17]. **TGV** [BH15a, BH15b]. **TGV-Based** [BH15a, BH15b]. **Thanks** [Naj17]. **Their** [BB14, Mon14]. **Theorem** [CHM13, SSSW09]. **Theorems** [FW10]. **Theoretic** [FR14, KLS⁺17]. **Theoretical** [SDM17]. **Theory** [CT17, CB11, GSC12, LPP⁺09, LLLX17, TM16b]. **Thermoacoustic** [QSUZ11]. **Thin** [Gri10]. **Three** [BLM14, CDRS16, Gri10, KT16, LR17, SS11]. **Three-Dimensional** [CDRS16, Gri10, KT16, SS11, LR17]. **Thresholding** [BT09, BAS15, CCZ13]. **Tight** [CCMS13, GSC13, HZ14, PWSU16, ZD16]. **Tight-Frame** [CCMS13]. **Time** [AdHW15, BER15, BDM15, BPT11, Kow14, NK16, SYO15, TBKF15]. **Time-Dependent** [TBKF15]. **Time-Frequency** [BPT11]. **Tissue** [Kow14]. **Tomographic** [CN17, DLW16, PS11]. **Tomography** [AAD⁺08, AAJ⁺16, AM16, AKLS17, DHSS13, GLQ15, Gri10, HN17, HRSZ16, HHR08, HHMT16, HF12, KHD⁺15, KSZ11, Kla11, Kow14, LHW⁺15, Lou08, MPM⁺17, NS14, NK16, NLH⁺16, PAM12, QSUZ11, QS15, RZ13, RLL14, Rig17, SW13, SAS17, WZ17, WLYU15, WR14]. **Tomosynthesis** [CNS10]. **Tone** [CBB14]. **Top** [DATP17]. **Topological** [ABG⁺13c, ABR10, CDRS16, Dro14, LR17, SNM17, Wah15]. **Topology** [BG14, BCMO08, SY14]. **Topology-Preserving** [SY14]. **Total** [All08, All09, BKP10, BH12, CLL11, CTY13, CvG10, Con17, DMSC16, EB16, Get11, GS13, Gil14a, GSC12, HHMT16, HNW09, KPR16, LMM17, LHW⁺15, LRMU15, LZOX15, LM11, LM13, MYZ13, Mar09, NW13a, NW11, NNYZ17, NLH⁺16, OGL15, Poo15, SRG10, VBK13, WYYZ08, WLYU15, WDS14, YY17, ZC15]. **Tracing** [StTBRV12]. **Tracking** [ABG⁺13b, CV13, NT11, NTV10, SY14, SMSY11]. **Trajectories** [CCKW14, HSH13]. **Transcranial** [MPM⁺17]. **Transfer** [Hub13]. **Transform** [AAD⁺08, ACN16, BHI11, BMP13, GL09, Hal11, JM16, LZ16, LR16, LQS14, MH17, RLL14, Sto11, YY13, BGV09]. **Transformation** [KO16, ZBO14]. **Transformed** [RBLS14]. **Transforms** [GTO14, LVEB09, Mon14, RB15, UC13, WCU13, Zhu16]. **Transient** [AAB⁺11]. **translation** [BGV09]. **Transmission** [DLW16, KHD⁺15]. **Transport** [BJM15, CLC13, FPPA14, KR17, Mär11, NS17, PPO14]. **Traveltime** [GLQ15]. **Tree** [KPR16]. **Triangulated** [WDCT09]. **Triangulation** [Fou10]. **Truncated** [MLH17]. **Trust** [HW13]. **Trust-Region** [HW13]. **Tubular** [Gri10]. **Turbulent** [HLKH14]. **TV** [GSZ17, CGN⁺13, DMSC16, HW13, HK14, LZ17b, MBBS14, WT10, YK16, ZBN17]. **TV-Based** [CGN⁺13]. **TV-Type** [HK14]. **Twist** [BCGR14]. **Two** [BGM14, BG15, BGG17, CCZ13, CYZ14, DAMM12, DPC13, GSZ17, KYW13, Lou08, SCGAF⁺15, SW13, TMP13, YK16, YGLD17]. **Two-Dimensional** [Lou08, SW13, TMP13]. **Two-Level** [KYW13]. **Two-Parameter** [SCGAF⁺15]. **Two-Stage** [CCZ13, CYZ14, GSZ17]. **Type** [AdHW15, GKL13, HHMT16, HK14, RLL14, SRG10, BS09, KR13]. **Ultra** [WY14]. **Ultra-Narrowband** [WY14]. **Ultrasound** [BI15, LZD⁺16]. **Unbiased** [DVFP14, ROD15]. **Uncertainty** [MS17]. **Undersampled** [SAS17]. **Unified** [CT17]. **Uniform** [AKZ13, BH17]. **Unifying** [UC13, ZTO15]. **Uniqueness** [MF13, Nik13]. **Universal** [FN17, GK14, KN14]. **Unknown** [SM16, SW13]. **Unresolved** [FL12]. **Unsquarred** [WSW13]. **Updating** [LLS⁺13]. **Upwind** [CLL11]. **Use** [MPM⁺17, Tsy09b]. **Using** [AAD⁺08, AE08, ABG⁺13b, AdHW15, ADD12, BHI11, BG14, BGG17,

BGM⁺16, CCZ13, CCMS13, CZ10, CLC13, CDH16, CY09, CCBB14, CCFBY13, CLMT15, DSYT10, EHB09, FH11, FGPT17, GL17, GP09, Gri10, GL09, HKBH13, KR17, KGV14, LZ17a, LNPS17, LHW⁺15, LPP⁺09, LWY16, LLWG13, NW13a, NW13b, NNYZ17, NNZC08, ÖSB15, RB15, SXS⁺15, StTBRV12, SS12, SZSH11, SRG10, THC11, TBKF15, TCH08, Tii14, WY12, WSW13, WY14, WLYU15, WkZ14, WE17, Yan13, ZC12, ATTY16, BGV09].

Value [LY12]. **Valued** [BS15, GSC13, LVEB09, LNPS17, SW14, WDS14]. **Values** [BPS16, SM16]. **Variable** [AAD⁺08, BWB14, CCKW14, HN17, QSUZ11, Tii14]. **Variance** [FH11]. **Variance** [DAG11, JLN14]. **Variant** [CCZ13, HBFA14, YY17]. **Variation** [All09, BKP10, BH12, CLL11, CTY13, CvG10, Con17, DMSC16, EB16, Get11, GS13, Gil14a, GSC12, HHMT16, HNWO9, KPR16, LMM17, LHW⁺15, LRMU15, LZOX15, LM11, LM13, Mar09, NPV16, NW13a, NW11, NNYZ17, NLH⁺16, OGL15, Poo15, SRG10, VBK13, WYYZ08, WLYU15, WDS14, YY17, ZC15, All08, MYZ13]. **Variation-Based** [BH12, CLL11]. **Variation-Type** [SRG10]. **Variational** [BLSW14, BDM15, BH15a, BH15b, CP16, CBB14, Dar15, DZ13, DBCS14, FLZ14, FW14, FR14, GVCBP15, GEB15, HL13, JLN14, KYW13, KP13, LMSY13, LLBS14, MWBB12, NW13b, PM08, PABT17, PCBC10, SDZ15, SS13, WN13a, WN13b, WH15, YYZW09]. **Varifold** [CT13]. **Varying** [EW15, LNS10]. **Vector** [Bat10, BS15, CY09, Fou10, GSC13, PS11, RDSK09, Sdi13, SW14]. **Vector-Valued** [BS15, GSC13, SW14]. **Vectorial** [DMSC16, GSC12, SCC14, WT10]. **Vehicles** [CHM13]. **Velocity** [TM16b]. **Venant** [DL14]. **Version** [HMY16]. **Vese** [NPJI17]. **Vessel** [CCMS13]. **via** [BCP13b, BMW09, CMY10, CESV13, CDHS13, CvG10, DMTZ16, FQXC17, GOF16, GK14, GS13, GM15, Han12, Hub13, KZS14, KK17, LZ17a, LL14, LSW14, OGL15, RGLB14, RDSK09, STY11, WY10, WMT⁺09, ZvDT⁺17]. **Vibrations** [SG15]. **Video** [DKP09, HDH16, HK14, JHSX11, LZD⁺16, LLWG13, NAF⁺14, PABT17, SXS⁺15, SYO15]. **View** [AAB⁺11]. **Viewing** [MTWB14, SS12, SZSH11]. **Views** [ARF16]. **Virtual** [GP14, GPST15]. **Viscous** [RW13]. **Visibility** [PPE⁺09]. **Visibility-Based** [PPE⁺09]. **Visible** [BBP09]. **Vision** [BCGR14, ODBP15, SMA11]. **Visual** [NTV10, SC10]. **Volume** [BDM17]. **Volumetric** [RR15]. **Voronoi** [CLMT15]. **Voxel** [KT14].

Walk [TM12]. **Warping** [KSPR17]. **Wasserstein** [CP16, LZ17a, Pey15, TPG16]. **Water** [Kow14]. **Watershed** [Naj17]. **Wave** [AAB⁺11, FW10, HP15, LWY16, MPM⁺17, YY13]. **Waveform** [CB11]. **Waveform-Diverse** [CB11]. **Waveforms** [WY14]. **Waveguides** [TMP13]. **Wavelet** [CSS08, CYY11, DB13, EW15, FBU15, FKLS12, GL13, HLKH14, LZD⁺16, PWSU16, TZS13, UC13]. **Wavelets** [WCU13, GTO14]. **Waves** [SSSW09]. **Way** [FW10]. **Weak*** [Ish14]. **Weak*-Convergence** [Ish14]. **Weakly** [ABG13a]. **Weighted** [LO17, LLC14, LZOX15, OGL15, YK16]. **Weighted-** [LLC14]. **Weights** [JGKL17]. **Weil** [FN17, KN14]. **Well** [CT17]. **Well-Posedness** [CT17]. **Which** [GSC12]. **Whiteness** [LMSY13]. **Windows** [DKP09]. **Within** [PABT17, BMW09]. **without** [ACL16, CH16, KZ14, MNP16, TA14]. **World** [BH17].

X [GPPM15, AAD⁺08, DLW16, LQS14, Mon14, YCF⁺16]. **X-Ray** [AAD⁺08, DLW16, LQS14, Mon14, YCF⁺16].

X-rays [GPPM15].

Zooming [BH15a, BH15b, CLK14].

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Adavani:2010:FAS

Abramson:2008:QOR

Alexeev:2014:PRP

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Alberti:2016:LIP

Ammari:2013:TMT

Ammari:2013:LSR

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Aghasi:2011:PLS

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