A Complete Bibliography of *ACM Transactions on Intelligent Systems and Technology (TIST)*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/  
15 November 2018  
Version 1.23

**Title word cross-reference**

3 [BDP12, TDVC13]. 6 [FDE15]. 2 [FGL17].  
k [PKCC18, THY+11, ZLZ+17].  
N [DOTD16, MG16, EK15].  
-Means [PKCC18].  
2nd [SY12].  
Abduction [SSS11, SDS12]. abnormality [SSZ+13]. Abstraction [ABB+15, TRH12].  
Action [ZCG15]. Active [ERR13, RV18, SZT12, WH11b, ZCWZ18].  
Adversarial [SDS12]. Adverse [SGJC18, YY15]. Advertisement [CWCK15]. Advertising
Age [LGZ+17], Agent
[CRRH11, GKG+11, RVRJ11, SS11, CABB+13, CAB+13, EvdHW13],
Agent-Based [CRRH11, RVRJ11].
agents [OSM+13]. Aggregate [MG16]. Aggressive [LSZH18]. Aging [CDS13], AI [LN10]. Air [ASSR18, GME17, LLL+18, BKB10].
Airline [ACPS17, GG15]. alarm [DL13]. Algorithms [JJ15, MGS17b, WCB18].
All-Pay [LWWL11, RSCOVCMM17, BMV13].
Alternating [CYYL18]. Alternative [RKH14]. Alternatives [ARGK15].
Analogical [LCY+18]. Analysis [BCGJ11, CWR+16, DWKP16, EMF12, FSS15, FLLX18, GOB+12, HWCL17, LS16, LG+16, LNL18, LQCI2, LZF+12, MPA13, MMDY+15, NAP14, P+12, PCL18, RHD+12, STP+18, XZH+17, YY15, YL17, YCGH12, ZDL+12, ZWL+15, GZ+11, OY13, ZNYH11].
Analysts [GJSC16, GJC17]. Analytics [JL+15, JLX+17, NZW+17].
Analyzing [CCS17, HTSC+17, KHN15, dMFA+13].
Animal [LHJ+11]. Anisotropic [LGZ+17].
Anti [BKB10]. anti-air [BKB10]. Anytime [BSS16]. App [FLLX18]. Appearance [ZYS12, LHS+13]. Application [DWKP16, DBDM16, Min16, XZH+17, YFJ+18, ZWS16, CKS10, YJH11]. Applications [AKR+18, BCGJJ11, PFS17, SYHB17, WZS+15, KXW+16, ZFH+18, ZCWW14b, Che10, Gin13, KG11, Lin11].
Applying [JCH14, PCC10]. Approach [ASSR18, CGZ18, DWKP16, FDE15, GRR+15, HL17, HRL16, HWT17, KKG18, KZL+17, KPF18, KSL+15, LYYW18, LDTX16, MJVL16, MRJ16, OD17, ODP+17, PPPM18, XYL+17, ZDL+12, ZC15, ZYWW17, BMMP13, BVCH13, BSW+13, BGMS13a, CL13, LG111, LHC+13, RYS10, TDVC13, WW13]. Approaches [LC15, RZS+15, PMS11].
approximation [TNS13]. Apps [WMR17]. Architecture [ZSY+12].
Arriving [CQG18]. ART [EvdHW13]. Articles [SB15]. Artificial [CC12].
As-You-Type [LC17]. Asia [SY12]. Assess [PPP18]. Assessment [HMS+14, MRJ16]. Assignment [TFS18].
assistance [BGPS11], Assisted [SMGMC+15]. Associating [UAS15].
Association [GLL+17, HCCY15, YY15]. Association-Based [GLL+17, HCCY15].
Attack [GME17]. Attacks [ODP+17].
Attention [LYWW18, WJY+18, YFJ+18].
Attention-Based [LYWW18, WJY+18].
Attitude [NAPI14]. Attribute [GT+14].
Attributes [NZW+17, WH17]. Auction [LDTX16]. Auctions [QCL15].
Audio [DCM15, RSCOVCM17, SHZ13, WCB11].
Audio-to-Score [RSCOVCM17].
augment [ZDC+13]. Augmented [CSN+17, ZZD+17].
Authoring [LMA16, WJY12]. Authorities [BR15].
Authority [CCS17]. Auto [DB16, LCY+15].
Auto-Experimentation [DB16].
Auto-Generated [LCY+15].
Autoencoder [ZCL+18]. AutoLCA [HMS+14].
Automated [DB16, EBG+12, JD15, SDHS15, Che10, WHJ+11].
Automatic [CLBM15, KW17, LGZ+17, LCL18, P17, TLWZ11, TDVC13].
Auxiliary [VNL+11, ZBZX12, PG13].
Average [CDGZ16, SDXG16]. Aware [AC15, DCF+18, FXHM16, JYT+12, LCV17, LJC+11, PEK+16, YTH17, ZSL+15, ZFWL17, ZCX+15, BGMIS13a, CKS10, LHZ13, SLH13, WPL13, YZEC13].

Background [CCH15]. Ballet [KSL+15].
Bargaining [HDTG15, KAH12]. Based [ACPS17, ABO17, ASSR18, BBM17, BDP12, CGZ18, CUG+12, CZP+14, CYKL16, CRRH11, DJI+16, DOTD16, DTL15, EK15, EL14, FDE15, FZX15, GLL+17, GRR+15, HCCY15, HDPH16, HLL14, HMCW15, JJ14, JJ15, JGL+15, KW17, KPF18, LCD17, LHS18, LCD18, LZP+12, LTS+15, LYWW18, MRJ16, NYBG17, PMR+17, Pat15, RHD+12, SKF+14, SRJP12, WSGM14, WYJ+18, WMR17, XTW17, YZQ16, YMC16, YTH17, ZYSL12, ZWH17, ZZZ+11, ZCG15, CFG13, CDS13, CJ13, HLT11, HKO13, LSQ11, ME13, RVJ11, RC13, RYS10, SGD13, TDVC13, THY+11, TNSP13, YJHL11, ZC15, LHC+13].

basis [Sin13]. Batch [GPSB11, RV18, SZT12]. Batch-Mode [RV18]. Bayesian [HRTC16, JWJC16, KPF18, SLR+16].
Beats [WYM17]. Behavior [AC15, DSB+18, HDPH16, HLL17, LZ18, NYBG17, ODP+17, PYD+17, YZQ16, YKLTL14, ZYW+15, ZLH18, OY13, ZC13, dMFA+13].

between [CRYT12, GME17, ODP+17, RKH14].


Buying [BB15, ZC13].
Car [NTM+16]. cardiopulmonary [BCC+13]. Carefulness [FXR+17].
Check [HWT17, JCH14, LX14, SMX15, YKTL14].
Check-In
[HWT17, LX14, SMX15, YKTL14].
Check-ins [JCH14]. Children [YLS15].
chiller [PMsr11]. Chinese [ZDC+13].
Choice [HTSC+17, OY13]. Choosing
[RKH14, RK15]. CIM [CZP+14]. Citation
[KSCKÇ15]. Cities [ABO17]. Citizen
[YMLM16]. Citizen-Sourcing [YMLM16].
City [ABTS15, JCH14, MFLP14, YMLM16, ZQP+15, ZLH18, YMLM16]. City-Scale
[MFLP14, ZQP+15]. Class
[AKR+18, WHC13]. Classification
[DTL15, GZZY17, HWL+17, KCS18, LCY+18, MRW+12, MG16, SKF+14, WMH18, ZLZ+17, GSPS11, SHZ13, WHC13].
classifier [HTL11]. classifying [BVCH13].
CLEaVER [LNO+18]. Click
[AC15, CWCK15]. clinical [LKDI3]. Closer
[WD17]. Cloud
[CUG+12, HTM15, JPS+16]. Cluster
[JJ14]. Cluster-Based [JJ14]. Clustering
[EL14, HCTC12, KPF18, TRDD12, ZL12, LMWS13]. Clusters [Pat15]. CNN
[WWY+18]. Co [KCS18, ZFH+18].
Co-Salience [ZFH+18]. Co-Training
[KCS18]. coaching [LWC13]. Coalition
[BFC+17]. Coalitions [PMR+17, FT10].
Coarse [OLY+17]. CoClustering
[HMCW15]. Coding [FWZ17, ZYS12].
Cognitive [LWC+18]. Cold [LHS18].
Cold-Start [LHS18]. Collaboration
[MOC+11, SRB15]. Collaborative
[CSN+17, FS17, JJ14, WSGM14, BCD+13, ERR13, LH13]. Collection
[HB12, YJHL11]. Collection-based
[YJHL11]. Collections [TRH12].
Collective [GST12, WFZ+18, YZQ16].
College [WMR17, BS+13]. Collocation
[LWWL11], colocation [WCBK11].
Colonography [MMDY15]. Color
[CCZ+15, WH11a]. Color-Guided
[CCZ+15]. colorblindness [WL10]. COM
[RC13]. Combination [HYL+18].
Combined [FDE15]. Combining
[SPDR15]. Comfort [ASSR18].
Comfort-Based [ASSR18]. commentary
[WW13]. Comments [GW17].
Commentsphere [PSL12]. commitment
[BBMP13]. Commodity [WYM17].
Commonsense [HB12]. Communication
[CHP17, CCB+13, CAB+13]. Communities
[BR15, CCWS17, TY14, YL14].
Community [BMM17, CZP+14, CBP13, KLL17, PBvL14, WFZ+18, WFL11, YCGH12, ZNWC14, ZMH+15, Goo10].
Community-Based [CZP+14]. companion
[TY13]. comparison [BDC+13].
Completion [ZWH17]. Complex
[JPS+16, ZSY+12]. Complier [CDGZ16].
Component [LGL+16]. Comprehensive
[DT16, KZL+17]. compression [CL13].
Computation [NTM+16, YCP+13].
Computational [GST12, GY11, WCBK11].
Computationally [FTCP+13].
Computations [RH516]. Computing
[DB16, HTM15, KP17, ZCWY14a, ZCYW14b, LN10, YNS13, YZC13]. Con
[WD17]. Concept [JZ+11, LWH12, LJC+11, WYY+18, CZL13, SLW13].
Concepts [ZCYW14b]. Conceptual
[HAAM12]. concurrent [HLJ11].
Conditioning [ASSR18]. Conditions
[SGJC18]. Cone [TTLG17]. Conference
[SY12, CXW+13]. Confidence
[ODF17, WZH16]. Confidence-Weighted
[WZH16]. Configurations
[HTM15, CCG+13]. conformant [TNSP13].
Connecting [CXW+13]. Conquer
[PKCC18, WMH18]. consider [ZC13].
Considering [CGZ18]. Consistency
[ZCS+12]. Consistent [FWZ17, FDE15].
Constitutive [BBMP13]. Constrained
[BFC+17]. Constraint [ODF17, RYS10].
constraint-based [RYS10]. Constraints
[LCD18, ZS18, ZSL+15, MCM+13, PCC10].
Constraints-Based [LCD18].
Construction [KW17, PKCC18].
Consumer [YY15, ZT11]. Content
Cost-Effective \[\text{[BL16, WZZ17, ZZZ11, CCL13]}\].

Content-Centric \[\text{[ZLC13]}\].

content-driven \[\text{[CCL13]}\].

Context \[\text{[FXHM16, JYT12, LCCT12, LCKY14, LJC15, ZCZ15, BGMS13a, LHJ13, ME13, SBD13, SRM13, SLH13]}\].

Context-Free \[\text{[LCKY14]}\].

Context-Sensing \[\text{[SRB15]}\].

Contextual \[\text{[ZNWC14, PG13]}\].

Contextualized \[\text{[SC17]}\].

Continuous \[\text{[WXZ16, CST13]}\].

CpA \[\text{[ABG15, BKB10]}\].

Coreference \[\text{[CST13]}\].

Cores \[\text{[WDK16, LG16]}\].

Contracts \[\text{[CWC15]}\].

contrarian \[\text{[HLT11]}\].

Contributed \[\text{[YY15]}\].

contribution \[\text{[BMV13]}\].

Control \[\text{[HNS16, HTSC17, KW17, PMR17, YTH16, PCC10, RVRJ11]}\].

Controversial \[\text{[SRB15]}\].

conversation \[\text{[WCNK11]}\].

Conveying \[\text{[HNV14]}\].

Coordinates \[\text{[CDS12]}\].

CORALS \[\text{[BB13]}\].

Coranking \[\text{[WXZ16, SLH13]}\].

coreference \[\text{[CST13]}\].

Cost \[\text{[BL16, HWCL17, ZCZ15, SLH13]}\].

Cost-Effective \[\text{[ZLC13]}\].

Cost-Effective \[\text{[ZLC13]}\].

Cost-Optimized \[\text{[HWCL17]}\].

Cost-sensitive \[\text{[LHC13]}\].

Count \[\text{[EL14]}\].

counterinsurgency \[\text{[HKO13]}\].

Counterterrorism \[\text{[SDHS15]}\].

Counting \[\text{[MZL12]}\].

cover \[\text{[MGB11]}\].

Coverage \[\text{[WC12, XZH17, LHJ12, LM11, LC16, ZCZ15, Min16, ODP17, PFS17]}\].

Crowd \[\text{[ABO17, BL16, CALK16, DB16, GCY15, KCTT16, SLN16, SLR16]}\].

Crowd-Mobility \[\text{[ABO17]}\].

Crowd-Powered \[\text{[SLN16]}\].

Crowds \[\text{[KF18, FK13]}\].

Crowdsensing \[\text{[ZWC15]}\].

Crowdsourcing \[\text{[WF17, ZZZ11]}\].

Crowdsourced \[\text{[WF17, ZZZ11]}\].

Crowdsourcing \[\text{[WF17, ZZZ11]}\].

Cyber Attack \[\text{[ABO17, BL16, CALK16, DB16, GCY15, KCTT16, SLN16, SLR16]}\].

Cyber-Physical \[\text{[MWS18]}\].

Cybersecurity \[\text{[GJC17]}\].

Culture \[\text{[YZQ16, Bai10, LN10, YNS13]}\].

Cultural \[\text{[YNS13]}\].

Cultural \[\text{[YZQ16]}\].

Cultural \[\text{[YZQ16]}\].

Cultural \[\text{[YZQ16]}\].

Cyber \[\text{[GJC17]}\].

Date \[\text{[DB16]}\].

Data \[\text{[ACPS17, ABO17, BMTT16, DOTD16, DGZ15, FE15, FNS16, HTM15, HLL14, HWCL17, HWT17, JLY16, LW12, LM11, LC16, LC16, ZCZ15, Min16, ODP17, PFS17, PPPM18, PCC17, RV18, SCLZ17, SZT12, SS15, WC12, ZCZ15, YY15, ZYQ16, ZWL15, ZYH15, ZLH18, Zhe15, ZBZX12, ZWGW17, AAX13, BVCH13, BK11, CDK13, KDC13, LHZ13, LZCS11, MGB11, PMSR11, TZY13, YCP13]}\].

Data-Driven \[\text{[ACPS17, OD17, SLZ17, ZWGW17]}\].

Database \[\text{[KAH16]}\].

Datasets \[\text{[MMD15]}\].

Dataset \[\text{[DBDM15]}\].

Deanonymization \[\text{[FZX15]}\].

Death \[\text{[SDX16]}\].

Decay \[\text{[Pai16]}\].


Electronic [XZH+17, BVC13, ZT11, ZC13]. elicitation [ERR13]. eligibility [LKD13].


EMMA [KAH+16]. Emotion [KAH+16, SP16, YC12]. Empathetic [KAH+16]. empirical [BCD+13].


Entity [LLY12, LWZZ13]. Entity-Relationship [LLY12].

Environment [HTM15, KSL+15]. Environmentally [ZGP+18].


Estimation [LGZ+17, SS15, ZWZ16].

Ethnicity [BDP12]. Ethnicity-Based [BDP12].

Evacuation [IVS+16].

Evaluating [MG16, ZL12]. Evaluation [SS15, SHB+12, XXL+17, ZQP+15]. Event [GZZY17, Min16, ZQP+15, ZSL+15, ZLY+18, CST13, MMC+13]. Event-Driven [ZSL+15].

Events [ABTS15, KZL+17, LC12]. Evolution [RCN10]. Evolutionary [RV18]. Examinee [LWC+18]. expansion [BGMS13b]. Expect [AT15]. Experience [KCTT16].


Explicitly [BBS+16]. Exploiting [BL14, JL18, SFX+16, WZY+18].

Exploration [CDS12, CCG+13]. Exploratory [MGS17b]. Exploring [CNP17, SST+15, WPL13, YZY+17].

Expression [XTW17, WH10].


Face [BDP12, DT16, LGL+16, LLDT16, LTS+15].

Faceted [TRH12]. Facial [BDP12, XTW17].


Feature [EK15, FC15, JYT+12, JL18, MMDY15, PKH+17, RHD+12, WPA+12, YZT+15, ZL15, FC15].

Feature-Based [EK15, RHD+12].

Feature-Rich [FC15]. Feature-Space [FC15]. Features [BDP12, HCC15, TS17, WZS+15, WWZ+16, YGU15, ZCG15, SHZ13].

FEED [YMLM16]. Feedback [NYB17].

Few [LCY+18]. Few-Shot [LCY+18].

Fi [SCLZ17]. field [TLLW11]. fields [SGD13].

Filtering [CSN+17, JJ14, WSGM14, BCD+13, ERR13]. financial [Dha11]. Find [LCY+15].

Find-the-Difference [LCY+15]. Finding
[GLL +17]. Fine

[OLY +17, WWZ +16, YTH17].

Fine-Grained [WWZ +16, YTH17].

Fine-to-Coarse [OLY +17]. Flattening

[KLL17]. Flight [BMT16]. Flow

[KZL +17]. folder [BD11]. FolderPredictor

[BD11]. Folksonomy

[CUG +12, FSS15, SHB +12].

Folksonomy-Based [CUG +12]. Following

[SZS +17]. Footprints [MFLP14]. Force

[GRR +15]. Forecasting

[AAX13, HYL +18, JJ15]. Foreground

[CCH15]. Forest [WAL18, MGB +11].

Forgery [LC15]. Formalizing [GS13].

Formation [BFC +17, WH10]. Foursquare

[JCH14]. Framework [CCZ +15, CYKL16, DBDM16, FLLX18, HCCY15, HRCT16, HMS +14, HMCW15, KLL17, MG16, RKH14, SZC +14, TFFS18, WSGM14, WLC +16, XZH +17, ZL12, ZSL +15, ZL15, CSL13, CCL13, LKD13, TZY +13, ZT11, ZC13].

Free [LCKY14]. Frequency [ACPS17].

Frequency-Based [ACPS17]. friendship

[MPA13]. FSR [FC15]. fully [SSZ +13].

Function [WWZ +16]. Functional

[ZWS16]. functions [TDVC13, HLY +14].

Fundamentals [ZF1 +18]. Furniture

[HWL +17]. Fused [XKW +16]. Fusing

[ZCG15]. Fusion [GDWJ15, HMCW15, PFS17, SZC +13, CSL13]. Future

[QCL15, WXZ +16, Goo10]. Fuzzy

[DJJ +16, KA112, LWC +18].

Gait [WWZ +16]. Game

[HB12, JD15, LCY +15, MRJ16].

Game-sourced [SS15]. Gap [GME17].

GAPs [SS15]. Gathering

[KZL +17, KG11]. Gaussian

[FNS16, LGZ +17]. Gaze [HLNL18]. Gen

[BB17]. Gene [UAS15]. Gene-Disease

[UAS15]. Genealogy [FE15]. General

[LS16, THL +15, WLF +18, ZWS16].

General-Purpose [LS16]. Generalized

[XKW +16, CFG13]. Generate [WLC +16].

Generated [CPTY12, CCC +12, LCY +15, SDD +16, ZX11]. Generating

[MD13, YMC16, ZDC +13, CSL13].

Generation

[CUG +12, DB16, SDHS15, Mar13, YSJ13].

Generative [WCY +17]. Generic [ZDL +12].

Genetic [UAS15]. Genres [TS17]. Geo

[HWCL17, JGL +15, ZWH17, ZLY +18].

Geo-Distributed [HWCL17]. Geo-Social

[JGL +15]. Geo-Tagged [ZWH17, ZLY +18].

GeoBurst [ZLY +18]. GeoCloud

[ZWL +15]. Geographic [CRRH11, YLT13].

degree-regular-semantic [YLT13].

generating [CCL13]. Geolocation

[SZC +14]. Geospatial

[SS11, SDO12, Siz12]. Geotagged

[ZL12, ZSC12, SH13]. Geotemporal

[HWT17]. Gestures [LMAP16]. Getting

[Wid17]. Global [ZC +12, MGB +11]. Go


Gradient [CJL15]. Grained

[WWZ +16, YTH17]. Grammars [LCY14].

Granularity [HLY +14]. Graph

[BFC +17, FZX15, LS16, LCN +16, LCD17, PKH +17, RAZE18, WXLY12, SZC11, THY +11].

generated [THY +11].

Graph-Constrained [BFC +17].

Graph-Mining [LS16].

Graphs [KLL17, OOD +17, UAS15, WFZ +18, CST13, SLWW13]. Gravity [ZC15]. Gravity-based


Ground [KP17, YL14]. Ground-Truth


[BB15]. Growing [LNO +18]. Guided

[CCZ +15].

[HTNSP13]. Hand

[JTZ +11, TLW +15].

Hand-Drawn [JTZ +11]. Handling

[CCK +18, CSL13]. Handwriting [ZL15].

Happiness [PC18]. Harnessing [SR17].

Hashing [SSL +18]. Hawkes [LZ18]. Hazy

[CHY15]. Health
[AKR+18, KXZG15, PEK+16, XZH+17, YY15, BVCH13, RC13, RY13].
Health-Consumer-Contributed [YY15].
Healthcare [CCL15, CL15, TY12, WHR13].
Heating [ASSR18, PMR+17]. Heavy [LCCT12]. Heavy-Duty [LCCT12].
helpfulness [ZT11]. Heterogeneous [FC15, LGL+16, YGU15].
Hidden [SRJP12, TY14]. Hierarchical [BWC15, CDS12, LCKY14, YFJ+18, YMC16].
High [LXM+18, PCC17, WH18, SSZ+13]. high-density [SSZ+13].
High-Dimensional [PCC17]. High-Precision [LXM+18]. highest [BCC+13].
Histogram [CHY15]. History [LX14]. Hoeffding [BFHP12]. Home [KHN15, MND14, RC13].
home-based [RC13]. homeostatic [RVRJ11]. Homes [CPHL15].
Homogeneity [AGP17]. Human [BL16, CKS10, FE15, HAAM12, LMAP16, WH18, SSZ+13].
Human-aware [CKS10]. Human-Like [LMAP16]. Human-Robot [HAAM12, RC13].
Human-Thing [YSN+17]. Hybrid [CCH15, SRJP12, BCD+13, HMCW15].
Hypergraph [FWZ17]. Hyperlocal [TTFS18]. Hypotheses [TS17].

Identification [FG17, LYWW18, MND14, SLR+16, TLLS17, WPA+12, BSW+13].
Identify [WXYL12]. Identifying [BR15, RHT+18, SRB15, YGU15]. II [HTDJ12]. iid [FNS16]. illiad [MWS+18].
Illicit [YL17]. Image [CHY15, DTL15, GHZ+17, KKG18, LCN+16, LLZW17, LCY+18, OLY+17, THY+11, TTLG17, WH11a, ZYT+15, ZWH17, SZC11, WLF10, WH13]. Image-Centric [KKG18]. image-to-class [WHC13]. Imagery [HCTC12, RHF16].
Images [CWR+16, LC15, ZSS+15, THY+11].
In-App [FLLX18]. Incentive [LDTX16, YTH17]. Incentive-Aware [YTH17]. Incentives [FS17, RJF16].
Inference [CDGZ16, FNS16, GTM+14, GH18, ZLB+16, ME13, SZC11]. inference-based [ME13].
Infrastructure [HDP16, MBR+14]. Input [SDHS15]. ins [JCH14]. Insights [HWCL17, KDC13]. Inspired [WAL18].
Instagram [YL17]. Insurance [NTM+16]. Integrate [PKCC18]. Integrated [HL17, PKH+17]. Integrating [CBP13, PKCC18]. Integration [YCGH12].
integrative [WW13]. Intelligence [AJL18, CC12, GST12, G CY+15, KAH+16, ZGW17]. Intelligent [CAL16, CL15, FGL17, HGE17, HJZ12,


[ABB+15]. Leverage [DJI+16]. Leveraging [FXR+17, RHF16, TRRDD12, ZBZX12].


Machine [SY12, SZX15, YC12, BSW+13, BPS13, Hsu11, KDC13, Lin11, Mar13].


Measuring [HLL14, SCLZ17, TRH16]. Mechanism [LHS18, LDM16]. Media [BTVY17, HWCL17, LCM+12, PT12, RHT+18, Siz12, STP+18, TY12, TY14, TLLS17, WZZ+16, ZMH+15, CLS13, Goo10, HCB13, LCC13].


Metric [HCTC12, HJLZ12, XZR12]. ZCS+12, ZY12, WHC13, WHJ+11]. metrics [WLG11]. Metropolis [ZY+17].


Minimizing [GJSC16, GJC17]. Mining [BMTT16, BCGJ11, CFHL15, CCC+12, EL14, FE15, HCCY15, JGL+15, JPL13, LS16, LHJ+11, LWH12, LLL+16, LX14, LJC+11, LYWW18, PFS17, PPP18,
PSRL12, RAZE18, SMX15, SLH13, WH18, YY15, YSN+17, YLT13, YKTL14, ZSS+15, ZC12, Zhe15, ZCX+15, BVC13, BK11, BBG13, MGB+11, PMSR11, RC13.

Misinformation [LYWW18]. Missing [CDGZ16, DCM15]. Mitigation [AGP17].

Mixture [LC16]. Mobile [CHP17, CCK+18, GWDJ15, GME17, JLI+17, LZY+16, NZW+17, SFX17, WMR17, XZW+15, YWZ+17, ZS18, ZFWL17, ZCX+15, BGMS13a, CKS10, Edi13]. Mobility [ABO17, FGL17, LCL18, PPM18, SZS+17, WFZ+18, YCP+13, ZYW+15, ZHZ18].

Modality [WZZ+16]. Modality-Dependent [WZZ+16]. Mode [RV18, SZT12]. Model [CRR11, EL14, GLL+17, GRR+15, HYC+16, HLN18, JWJC16, KP17, LC16, LLZW17, NYBG17, Pai16, PCC17, SRJP12, WYC+17, WLF+18, WYD+18, ZYS12, ZWZ16, ZCW18, CD13, CZL13, HLGW13, HLT11, ME13].

Model-Based [EL14, GRR+15]. Modeling [AC15, CCL15, CHHH18, DWKP16, DJF+16, DCF+18, GRR+15, GOB+12, HL17, LZ18, SZX15, YCQH12, ZC15, ZHZ18, LN10, YNS13, ZT11, ZC13]. Modelling [LWC+18].

Models [EK15, GST12, KW17, LH12, MNSB15, PFS17, SLR+16, ZSS+15, ZWZ16, Bai10, FGP11, Gin13, HL11, LHS+13].


Moving-Object [HCJM15]. MS [KSL+15]. Multi [CWCK15, FWZ17, FLLX18, KLL17, KW17, LLL+18, PCL18, RV18, SKF+14, SP16, SS11, WJY+18, ZHZ18].

Multi-Agent [SS11]. Multi-Category [SP16]. Multi-Click [CWCK15]. Multi-Factor [PCL18, LLL+18].


Multi-Threaded [KW17]. Multi-View [FLLX18, WJY+18, ZHZ18]. Multiagent [CGZ18, DPC16, JD15, BNS13, FS13, ZC13].


Multigroup [HMCW15]. Multilabel [JLL18]. Multimedia [HTDJ12, JGL+15, JLX+17, LTW+16, NZW+17, PCL18, SSL+18, BK11, HTDJ11, WH11b].

Multimodal [YL17]. Multimodular [SDD+16]. Multiobjective [RZS+15].

Multiobjects [WXZ+16]. multipartite [SLWW13]. Multiperson [WYM17]. Multiple [ARGK15, MZL12, ZS18, ZCG15, LMWS13, SZC+13].

Multiresolution [CDS12, DTL15]. Multitask [LCN+16].

Multitechnique [BMV13]. Multivariate [WC12]. Multiview [SSL+18, XTW17, ZYT+15, ZCS+12].

Music [OOD+17, SC17, SYHB17, SR17, TS17, Wd17, YC12]. Music-Related [SR17]. Mutual [LGL+16, WXZ+16].

MySpace [PT12].


Network [BBM17, BCGJ11, GTM+14, LS16, MGS17a, OLY+17, PEK+16, SC17, WXZ+16, MPA13, YSJ13].

Network-Oblivious [BBM17]. Networked [SZT12]. Networking [ZWGW17].
Networks [ABO17, CZP⁺14, CHP17, CYKL16, CCWS17, DCM15, GME17, HTSC⁺17, JJ14, LCKY14, SRB15, TLW⁺15, VNL⁺11, WAL18, WLH17, YL14, YZQ16, YFJ⁺18, BVK10, CBP13, FTCpong¹⁺13, HKO13, SKOM13, SLWW13, WCBK11].

Neutral [SC17, TLW⁺15, WAL18].


Ohmage [THL⁺15]. On-Device [GWDJ15]. Onboard [MRW⁺12]. One [AKR⁺18].

One-Class [AKR⁺18]. Online [AKR⁺18, BWC15, BLL⁺14, BR15, FE15, GHZ⁺17, HTSC⁺17, HWT17, HYL⁺18, LSZH18, MGS17b, RSCOVCMM17, SA15, SLR⁺16, WXYL12, ZWL⁺15, ZLH18, GPSB11, SSZ⁺13, SZC⁺13, ZDC⁺13].


Opinion [HCCY15, WH10, ZT11]. Opportunity [EBG⁺12]. Optimal [GJC17]. Optimization [BB15, BLL⁺14, HKO13, ODF17, SGJC18, SKF⁺14, VKLY18].

Optimization-based [HKO13]. Optimize [XXL⁺17]. Optimized [HWCL17, K11].


Orthogonal [LGZ⁺17, LCD18]. Outcome [CLBM15, SDXG16]. Outcomes [CDGZ16]. Overlaps [YL14]. Overview [ZGP⁺18, Zhe15].


Participatory [GCY⁺15, THL⁺15, YZQ16, ZSL⁺15]. Partners [RKH14]. parts [TDVC13].

parts-based [TDVC13]. Passenger [DCF⁺18]. Passive [LSZH18].


Path-Base [DOTD16]. Paths [MNSB15].

Patient [KXZG15, HSBC13, KDC13, LMWS13].

Patient-Related [KXZG15]. Patients [CCL15]. Pattern [CPL15, DCM15,
QoI [ZSL+15]. QoI-Aware [ZSL+15].

qualitative [FK13]. Quality [HDPH16].

Queries [CHH18, LLY12]. Query
[AC15, LJC+11, BGM13b]. Query-Aware
[AC15]. Question [GH18, WJ+18].

Questions [RHT+18]. Quick [HNL18].

Random
[CST13, WAL18, YKTL14, CLSL13].

Random-Forest-Inspired [WAL18]. Rank
[DGZ15, HBY+16, LCN+16, ZLY15, ZBZX12, ZMH+15, SHZ13]. Ranked
[UAS15].

Ranking
[DOTD16, KCTT16, LNO+18, PYD+17,
TY12, WSGM14, WMH18, CDK+13, LHZ13].

Ranking-Based [WSGM14]. Rapid
[BL16, LMAP16]. Rating
[DBDM16, GW17, ERR13]. ratings
[CLSL13, ZDC+13]. RCMC [ABO17].

reaching [BD11]. Reactions [YY15].

Reactor [DWKP16]. reading [ESNN13].

Real [BB15, BFC+17, FSS15, HNL18,
LMI1, TLW+15, TTFS18, ZLT15, ZLY+18,
ZHZ18, BKB10]. Real-Life [LM11].

Real-Time [BB15, TLW+15, TTFS18,
ZLT15, ZLY+18, ZHZ18, BKB10]. Real-Use
[HNL18]. Real-World [FSS15]. Reality
[KSL+15, ZZZ+17]. reasoning [FK13].

recency [CDK+13]. Recognition
[BDP12, DT16, GWDD15, HRCT16,
JGL+15, KAH+16, KHN15, KXZ15,
LGL+16, LTS+15, LLZW17, MGS17b,
OLY+17, SP16, SRJP12, SS11, SZX15,
TLW+15, XTW17, YC12, ZGP+18, ZCG15,
HLJ11, LWZZ13, WLG11, ZPY11].

Recognizing [ABO17, WWZ+16, ZNYH11].

Recombination [DB16]. recommend
[MKL11]. Recommendation
[BB+16, BSRSS16, CYK16, CSN+17,
EK15, FSHM16, FSS15, HMC15, LJJ+17,
LHS18, LM11, OOD+17, SMX15, TLC+14,
VNL+15, WST+15, WYC+17, WYD+18,
ZWXZ12, ZZX+11, ZCX+15, BGM13a,
CFG13, GJ13, HBSC13, LHZ13, SBD13,
SLH13, SSHL13]. Recommendations
[DOTD16, DCY+18, JJ15, KSKC15, MG16,
WLC+16, YKTL14, ZCY15, ZNWC14,
ZDC+13, XZ11]. Recommender
[AT15, CMLZ15, CMT16, DJS16, RZS+15,
GCZ13, QSRG1JD13]. recommenders
[BCD+13]. Recommending [HLL14].

Reconstructions [FDE15]. Record
[ZSH+17, BVC13]. records [TEP11].

Recovery [CCZ+15, ZLY15, ZMH+15].

Recurrent [YFJ+18]. Recurring [LWH12].

RECYCLE [HY11]. Redesign [HMS14].

Reducing [BD11]. Reduction
[CSN+17, XTW17]. Refined [LCD17].

Refined-Graph [LCD17]. refinements
[GS13]. Refueling [ZY+15]. Region
[CCZ+15, ZNWC14, CGMC11].

Region-Adaptive [CCZ+15]. registration
[TLZ11]. Regression [LHS18].

Regularization [LCD17, WZHL14, SZC11].

Regularization-Based [LCD17].

Regularized [XTW17]. regulative
[BBMP13]. Reinforcement
[GJSC16, WXZ+16]. Related
[KXSZ15, SR17]. Relational [SLWW13].

Relations [RHF16, WC12, MKL11].

Relationship [CRYT12, LLY12, OD+17].

Relevance
[BB+S+16, MRJ16, WLC+16, FPV13].

Relevant [GLL+17]. Reliable
[HBSC13, MZ12, SLR+16]. Remapping
[FC15]. Remote [HCTC12, MRW+12].

removal [CZLS13]. Rendering [KMG18].

Reorder [SWZ+13]. Repetitive [LXM+18].

Replacing [DCM15]. repository [KDC13].

Representation
[DTL15, LTS+15, ZLY15, ZCL+18, SHZ13].

Representation-Based [DTL15].

Representations [GH18, FKSS13].

Reputation [MO+11]. Research
[CAB+13, WW13]. Resilient [JLL18].

resolution [CST13]. Resource
[DPC16, FT10]. Resources
[CLBM15, PMR+17, CXW+13].

Sign [JJ14, SX15]. Significant [CPLH15, LYWW18]. Similar [CC12, ZJ17, MOC11, Goo10, HLY18].

Similarities [XZR12]. Similarly [EK15, GHZ17, SNL16, TRH16, SLH13]. Simiilar [TRH16]. Simple [CMR15].


Smooth [LDT16]. Smoothness [ZCS12]. SMP [BTYY17]. SNAP [LS16, LCY15].

Snippets [CHHH18]. soccer [TIWZ11]. Social [ABTS15, ABO17, BGMS13b, BCGJ11, BTYY17, CDLV13, CZP14, CHP14, CYKL16, CCWS17, DJS16, DSB18, FS17, FZ15, GST12, GZZY17, GW17, GTM14, Goo10, HLY14, HTSC17, JJ14, JGL15, JLC17, LCV17, LC12, LH12, LCM12, LHZ13, MOC11, NZW17, PT12, PCL18, PEK16, QSRGDAJD13, RHT18, SFX17, Siz12, STP18, TWL11, TY12, TY14, TRDD12, TLLS17, WXL12, YZQ16, ZQP15, ZWH17, ZZZ11, ZMH15, BCD13, BGMS13a, CBP13, EvdHW13, FTCP13, FK13, Gin13, GCZ13, HCB13, HKO13, LCCS13, LN10, MKL11, SKOM13, SRM13, WCBK11, YNS13, YJHL11, dMFA13, BBGG13]. Social-Attribute [GTM14]. Social-Mobile [SFX17]. socially [YZEC13]. SocialWave [STP18]. sociotechnical [Sin13]. Soft [WZH16].


SPACE-TC [WZY18]. Spaces [FC15, FDE15, SCL17, ZY17]. Spammer [FXR17]. Spammers [WXLY12]. Sparse [FWZ17, GHZ17, LTS15, LSH18, TNL17, WYC17, WZY18, ZYS12, ZLZ15, THY11, YJHL11].

Sparseness [CSN17]. Sparsity [XTW17]. Spatial [CRRH11, FXHM16, HYC16, JWJC16, LLD16, RHF16, SST15, TTS18, WYC17, WFZ18, WYD18, ZWL15, DL13]. Spatial-Temporal [FXHM16, HYC16, WYC17, WFZ18].

Spatio- [STP18]. Spatio-temporal [STP18]. Spatiotemporal [DCF18, Pat15, TEP11, ZC15]. Special [AJL18, BTYY17, CMLZ15, CALK16, CC12, CL15, CCC12, GSTZ16, GY15, HJTZ12, HYZ15, JLC17, LCQ12, SA15, SY12, ZLB16, ZCY14a, ZGW17, BBGG13, Che10, CABD13, Edi13, FS13, GY11, GCZ13, Hsu11, HTDJ11, KN13, LWC13, Lin11, LN10, RY13, WDS13, YNS13, YZEC13, ZPY11, GST12, HLY14, HTDJ12].

Species [SLR16]. Specific [EK15, GJ13].

specifications [BBMP13]. Spectral [RSCOVCM17]. Speech [ZGP18].


[FNS16, BCC+13]. **Text**
[CDS12, GOB+12, KCS18, LZCQ12, LZF12, WZXZ12, HCB13]. **Texts**
[KKZG15]. **Textual** [NAPI14]. **Texture**
[DTL15]. **TextWheel** [CQZ+12]. **Their**
[CGZ18, LLL]. **Translation**
[MD13, Mar13, RBK]. **Truncated** [SDXG16].

**Trust** [OSM+13, BNS13, FS13, ZC13]. **trust** [RFJ16, YL14].

**TSK** [DJ+16]. **tutoring** [FKK16, FLW17]. **Tweet** [ZLY+18].

**Tweets** [SP16, LWZ13, SWZ+13]. **Twitter**
[AAX13, CDK+13, KN13, LMC+15, MND14, PT12]. **Two** [LWWL11, PKCC18].

**Two-Dimensional** [PKCC18]. **Two-Word**
[LWWL11]. **Type** [LCV17].

**UMCR** [YWZ+17]. **uncertain** [WHJ+11].

**Uncertainties** [KHNB15]. **Uncertainty**
[CCK+18, WHR13]. **Understand** [ZLH18].

**Understanding** [HYZ15, JTZ+11, ODP+17, RHT+18, TWL11, ZYT+15, ZL12].

**Unexpected** [AT15]. **Unexpectedness**
[AT15]. **Unfold** [CQZ+12]. **Unified**
[CYKL16, HCC15, HRCT16, SZC+14, WLC+16]. **unlabeled** [CCG+13].

**Unsupervised** [HWT17, PT12, SSZ+13].

**Unveiling** [YSN+17]. **Upper** [ODF17].

**Urban** [AHL18, CCK+18, DSB+18, KF18, SCL17, VKL18, WFZ+18, YKTL14, ZYW+15, ZCWY14a, ZCWY14b]. **URLs**
[MSSV11]. **Usage**
[EL14, FLX18, LZ18, SMX15, YFJ+18].

**Use** [HLN18]. **User** [BL1+14, CRY12, CCR+12, EK15, FSR+17, LKY14, LZY+16, NZW+17, SDD+16, TY12, WZHL14, YFJ+18, YWZ+17, YKTL14, ZCY+15, SWZ+13, ZX11, dMFA+13].

**User-Generated**
[CRY12, CCR+12, SDD+16, ZX11].

**User-Specific** [EK15]. **Users** [CHP17, LH12, LHS18, MND14, NYB17, CCL13].

**Using** [BMTT16, CLBM15, CCR+15, CWR+16, DB16, DOT16, FK13, GJS16, GMT+14, GWDJ15, HCT12, HWT17, JD15, KCT16, LMAP16, LH12, LMC+12, WPI13, ZX11]. **traveling** [TZ1+13].
REFERENCES

LLDT16, LWWL11, MFLP14, PCL18, PS11, RFJ16, RK15, RKB+13, RSCOVCM17, SDHS15, SRBB15, SLR+16, SRJP12, TY14, TLW+15, YGU15, YY15, YL17, ZWXZ12, ZL12, ZYS12, ZYH+17, ZL18, CDK+13, CCG+13, EvdHW13, FGP11, KDC13, Min16, MGB+11, PGI13, PCC10, SSHL13, SGD13, TDVC13, VNL+11. Utility [WH18].

Valid [GLL+17]. Validation [KDC13]. value [KDC13]. VAR [DWKP16].

Variational [SZC11], variety [FTCP+13]. varying [ZC13]. Vector


[GOB+12, HNV14, HYZ15, HWL+17, LZCQ12, LZP+12, LLZW17, RHD+12, RAZE18, SR17, SST+15, STP+18, TRH12, ZYS12, ZSS+15, LHS+13]. Visualization [CDS12, CQZ+12, KSL+15, SFX17, ZL12, ZWL+15, CBP13]. Voice [PSRL12]. Volume [KKG18]. VSRank [WSGM14].


X [LNO+18]. X-CLEaVER [LNO+18].

York [JCH14].

References

Arias:2013:FTD


Antonelli:2015:MCM

Dario Antonelli, Elena Baralis, Giulia Bruno, Luca Caglieri, Tania Cerquitelli, Silvia Chiusano, Paolo

Anagnostopoulos:2011:WPS


Assem:2017:RRC


Anantharam:2015:ECT


Ashkan:2015:LQA


An:2017:DDF

Agrawal:2017:HWS


An:2018:ATS


Anaissi:2018:AOO


Azaria:2015:SID


Auffenberg:2018:CBA


Adamopoulos:2015:URS

REFERENCES


Baralis:2013:EPH


Bellogin:2013:ECS


Bonchi:2011:SNA


Bistaffa:2017:AGC

References


Bai:2015:OPL


Chopra:2013:ISS


Chen:2016:ISI


Cruz:2013:CDV

REFERENCES


John Champaign, Robin Cohen, and Disney Yan Lam. Empowering patients and caregivers to manage healthcare via streamlined presentation of Web objects selected by modeling learning benefits obtained by similar peers. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 6(4):54:1–54:??, August 2015. CODEN ???? ISSN 2157-6904 (print), 2157-6912 (electronic).


Cena:2013:PSA

Candan:2012:PMV

Cataldi:2013:PET

Cagliero:2013:PTR

Cattafi:2011:SBP

Cao:2018:MBA
REFERENCES

Chen:2010:PSI


Chen:2018:MQC


Chen:2017:ECB


Chen:2015:HIR


Cirillo:2010:HAT


Chang:2011:LLS


Cohn:2013:AAS

Trevor Cohn and Mirella Lapata. An abstractive


REFERENCES


REFERENCES


Chen:2015:MKM


Chin:2013:CPT


Cheng:2016:UPI


REFERENCES


Stephan Doerfel, Robert Jäschke, and Gerd Stumme. The role of cores in recommender benchmarking for social bookmarking sys-
Do:2013:MTF

DiNoia:2016:SSP

Dong:2018:SBU

Ding:2011:SCD
Wei Ding, Tomasz F. Stepinski, Yang Mu, Lourenco Bandeira, Ricardo Ricardo, Youxi Wu, Zhenyu Lu, Tianyu Cao, and Xindong Wu. Subkilome-

**Ding:2016:CSP**


**Dong:2015:NMR**


**Demeshko:2016:NCS**


**Estlin:2012:AAS**


**Editors:2013:ISS**


**Elbadrawy:2015:USF**

Asmaa Elbadrawy and George Karypis. User-specific feature-based simi-


**Figueroa:2015:CAT**


**Fire:2015:DMO**


**Fan:2017:RMA**


**Farrahi:2011:DRL**


**Fridman:2013:UQR**


**Folsom-Kovarik:2013:TPR**

REFERENCES


Feldman:2010:SCR

Fire:2013:CEL

Feng:2017:MHC

Fang:2016:SST

Fu:2017:RSD

Fire:2016:LPC


[GHZ+17] Xingyu Gao, Steven C. H. Hoi, Yongdong Zhang, Jianshe Zhou, Ji Wan, Zhenyu Chen, Jintao Li, and Jianke Zhu. Sparse online learning of image

**Gintis:2013:MMS**


**Gedikli:2013:IRA**


**Ganesan:2017:OSC**


**Ganesan:2016:DSC**


**Gal:2011:AAN**


**Gurung:2014:TIP**


Siddhartha Ghosh, Steve Reece, Alex Rogers, Stephen Roberts, Areej Malibari, and Nicholas R. Jennings. Modeling the thermal dynamics of buildings: a

Gerard:2013:FVP


Gabrilovich:2012:ISS


Gong:2014:JLP

Neil Zhenqiang Gong, Ameet Talwalkar, Lester Mackey, Ling Huang, Eui Chul Richard Shin, Emil Stefanov, Elaine (Runt-}


Glenski:2017:RES

Maria Glenski and Tim Weninger. Rating effects on social news posts and comments. ACM Transactions on Intelligent Systems and Technology (TIST), 8 (6):78:1–78:??, September 2017. CODEN ????. ISSN 2157-6904 (print), 2157-6912 (electronic).

Guan:2015:DML


Ge:2011:MLC

Yong Ge, Hui Xiong, Wenjun Zhou, Siming Li, and Ramendra Sahoo. Mult-


REFERENCES

Hoens:2013:RMR


Han:2013:LNS

[Bo Han, Paul Cook, and Timothy Baldwin. Lexical normalization for social media text. ACM Transactions on Intelligent Systems and Technology (TIST), 4(1):5:1–5:??, January 2013. CODEN ??? ISSN 2157-6904 (print), 2157-6912 (electronic).]

Hai:2015:ABU


Huang:2015:ARM


Hayden:2012:UCM

[David S. Hayden, Steve Chien, David R. Thompson, and Rebecca Castañó. Using clustering and metric learning to improve science return of remote sensed imagery. ACM Transactions on Intelligent Systems and Technology (TIST), 3(3):51:1–51:??, May 2012. CODEN ??? ISSN 2157-6904 (print), 2157-6912 (electronic).]

Han:2016:CHA

[Shuguang Han, Peng Dai, Praveen Paritosh, and David Huynh. Crowdsourcing human annotation on Web page structure: Infrastructure design and behavior-based quality control. ACM Transactions on Intelligent Systems and Technology (TIST), 8(1):1:1–1:??, January 2016. CODEN ??? ISSN 2157-6904 (print), 2157-6912 (electronic).]

HCTC12

[David S. Hayden, Steve Chien, David R. Thompson, and Rebecca Castañó. Using clustering and metric learning to improve science return of remote sensed imagery. ACM Transactions on Intelligent Systems and Technology (TIST), 3(3):51:1–51:??, May 2012. CODEN ??? ISSN 2157-6904 (print), 2157-6912 (electronic).]
Hennes:2015:MLS


Harel:2017:CSR


Hoi:2012:ISS


Hung:2013:OBI


Hoang:2017:MTB


He:2013:DJS

REFERENCES

ISSN 2157-6904 (print), 2157-6912 (electronic).

Hsu:2011:PMC


Hsieh:2014:MRT


Huang:2018:QBP


Hsu:2011:PMC


Huang:2011:LBC

He:2014:ISI


Huang:2015:HMC

Huang:2015:HMC

Hossain:2014:AFS

Heath:2014:CST

Hardegger:2016:SUB

Hsu:2011:ISI

Hua:2011:ISI

Hua:2012:ISS
Xian-Sheng Hua, Qi Tian, Alberto Del Bimbo, and Ramesh Jain. Introduction to the Special Section on Intelligent Multimedia Systems and Technology Part II. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 3
REFERENCES


Hirschprung:2015:SDD


Hirschprung:2017:AOA


Hu:2017:COM


Hu:2017:VCF


Huang:2017:UAI


Haigh:2011:RLL

REFERENCES


**He:2016:STT**


**Huang:2018:CFR**


**Hong:2015:VUR**


**Ibrahim:2016:IEM**


**Joseph:2014:CIB**


**Jumadinova:2015:APM**


Ji:2015:WLM

Rongrong Ji, Yue Gao, Wei Liu, Xing Xie, Qi Tian, and Xuelong Li. When location meets social multimedia: a survey on vision-based recognition and mining for geo-social multimedia analytics. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 6(1):1:1–1:??, March 2015. CODEN ????. ISSN 2157-6904 (print), 2157-6912 (electronic).

[JJ14][JGL+15]


Javari:2014:CBC

Jian:2018:EMI


[JJ15][JJ18]


Ji:2017:MSM

[JLX+17]

[JJ14]
REFERENCES


REFERENCES

Katsimerou:2016:CEI


Katz:2018:VEC


Kim:2016:UCI


Khan:2013:VOM


Kaminka:2018:SUP


Krause:2011:SAO

REFERENCES


Kucuktunc:2015:DCR


Kyan:2015:ABD


Kleinmann:2017:ACS


Kim:2015:RPR


Khezerlou:2017:TFA


Lampos:2012:NES

Vasileios Lampos and Nello Cristianini. Nowcasting events from the social Web with statistical learning. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 3(4):72:1–72:??, September 2012. CODEN ????. ISSN 2157-


Li:2014:LPH
[Nan Li, William Cush-\ing, Subbarao Kambham-\pati, and Sungwook Yoon. Learning probabilistic hier-
archical task networks as probabilistic context-free
grams to capture user preferences. ACM Transac-
tions on Intelligent Systems and Technology (TIST), 5
(2):29:1–29:??, April 2014. CODEN ???. ISSN 2157-
6904 (print), 2157-6912 (electronic).

Li:2018:AEB
[Chen Li, William K. Che-
ung, Jiming Liu, and Joseph K. Ng. Automatic extraction of
behavioral patterns for elderly mobility and daily routine anal-
ysis. ACM Transactions on Intelligent Systems and Technol-
ology (TIST), 9(5):54:1–54:??, July 2018. CODEN ???. ISSN 2157-
6904 (print), 2157-6912 (electronic).

Leung:2012:ISM
[Clement H. C. Leung, Ali-
ce W. S. Chan, Alfredo Milani, Jiming Liu, and Yuanxi Li. Intelligent social media indexing and sharing using an
ad-aptive indexing search engine.

ACM Transactions on Intelligent Systems and Tech-
nology (TIST), 3(3):47:1–
47:??, May 2012. CODEN ???. ISSN 2157-6904
(print), 2157-6912 (elec-
tronic).

Li:2016:MLR
[Teng Li, Bin Cheng, Bing-
bing Ni, Guangchan Liu,
and Shuicheng Yan. Multi-
task low-rank affinity graph
for image segmentation and
image annotation. ACM Transac-
tions on Intelligent Systems and Tech-
nology (TIST), 7(4):65:1–
65:??, July 2016. CODEN ???. ISSN 2157-6904
(print), 2157-6912 (elec-
tronic).

Lagree:2017:YTS
[Paul Lagrée, Bogdan Cautis,
and Hossein Vahabi. As-
you-type social aware search.

ACM Transactions on Intelligent Systems and Tech-
nology (TIST), 8(5):63:1–
63:??, September 2017. CODEN ???. ISSN 2157-
6904 (print), 2157-6912 (elec-
tronic).

Liu:2015:SPA
[Si Liu, Qiang Chen,
Shuicheng Yan, Chang-
sheng Xu, and Hanqing Lu. Snap & Play: Auto-generated personal-
ized find-the-difference
ACM Transactions
REFERENCES


Zhifeng Li, Dihong Gong, Qiang Li, Dacheng Tao, and Xuelong Li. Mutual component analysis for heterogeneous face recognition. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 9(1):2:1–2:??, October 2017. CODEN ????. ISSN 2157-6904 (print), 2157-6912 (electronic).

Lu:2013:SBA


Li:2011:CCD


Li:2011:MMM

Zhenhui Li, Jiawei Han, Ming Ji, Lu-An Tang, Yintao Yu, Bolin Ding, Jae-Gil Lee, and Roland Kays. MoveMine: Mining moving object data for discovery of animal movement patterns. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 2(3):21:1–21:??, April 2011. CODEN ???? ISSN 2157-6904 (print), 2157-6912 (electronic).

Li:2013:SAM


Li:2018:CDR


Liu:2013:STC

Nathan N. Liu, Luheng He, and Min Zhao. Social tem-


Lee:2015:WWR


Lee:2013:CPR


Liu:2010:IA


Liu:2011:I


Lucchese:2018:XCL


Leskovec:2016:SGP

Jure Leskovec and Rok Sosic. SNAP: a general-purpose network analysis and graph-mining library. *ACM Transactions on Intelligent Systems and Tech-
REFERENCES


Peipei Li, Xindong Wu, and Xuegang Hu. Mining recurring concept drifts with limited labeled streaming data. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 3(2):29:1–29:??, February 2012. CODEN ????, ISSN


Liu:2012:ISS


Luo:2016:TUA


Marton:2013:DPP


Momtazpour:2014:CSI

Madnani:2013:GTP


Moon:2013:IBM


Mcardle:2014:UDF


Maltinsky:2017:NNM

Mirsky:2017:COP

Minkov:2016:EEU

Morris:2016:DNM

Ma:2011:LRE

Montali:2013:MBC

Motai:2015:SCD
Marrella:2017:IPA


Mahmud:2014:HLI


Muntean:2015:LPM


McNally:2011:CSC


Marathe:2013:AFN


Moshfeghi:2016:GTA


Neria:2017:RSF


Nie:2017:LUA


Ottens:2017:DUC


Ovelgöne:2017:URB


Ou:2017:AIV


Oramas:2017:SMR

Sergio Oramas, Vito Claudia Ostuni, Tommaso Di

Osman:2013:TMA


Okada:2013:MDA


Pachet:2017:JOA


Paik:2016:PDM


Patel:2015:DSI


Pool:2014:DDC


Peng:2018:ICD


Peng:2017:NMF


Panagopoulos:2017:AEC


Patnaik:2011:TDM


Pellungrini:2018:DMA


Prettenhofer:2011:CLA

[PS11] Peter Prettenhofer and Benno Stein. Cross-lingual adaptation using structural correspondence learning. *ACM Transactions on Inte-
REFERENCES

Potthast:2012:IRC

Peng:2012:MVC

Paltoglou:2012:TMD

Pan:2017:TLB

Qin:2015:SSA

Quijano-Sanchez:2013:SFG
Lara Quijano-Sanchez, Juan A. Recio-Garcia, Belen Diaz-Aguado, and Guillermo Jimenez-Diaz. Social factors in group recommender systems. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 4(1):8:1–8:??, January 2013. CODEN ????. ISSN 2157-
Rossi:2018:IVG


Resnik:2013:UTP


Rashidi:2013:CMM


Roos:2010:ESD


Rendle:2012:FML


Reddy:2011:PSA

REFERENCES


REFERENCES

Rodriguez-Serrano:2017:TDA


Reyes:2018:ESP


Ramchurn:2011:ABH


Ramamohanarao:2017:SSM


Reddy:2013:ISS


Refanidis:2010:CBA

[RYS10] Ioannis Refanidis and Neil Yorke-Smith. A constraint-based approach to scheduling an individual’s activities. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 1

Shen:2015:ISI


Said:2013:MRC


Sandouk:2017:LCM


Shen:2017:DDD


Schulz:2016:MTN

REFERENCES

CODEN ????? ISSN 2157-6904 (print), 2157-6912 (electronic).

Sawant:2015:AGC


Shakarian:2012:AGA


Shan:2016:SBS

Na Shan, Xiaogang Dong, Pingfeng Xu, and Jianhua Guo. Sharp bounds on survivor average causal effects when the outcome is binary and truncated by death. ACM Transactions on Intelligent Systems and Technology (TIST), 7(2):18:1–18:??, January 2016. CODEN ????? ISSN 2157-6904 (print), 2157-6912 (electronic).

Sang:2017:ESM


Subbu:2013:LMF


Shah:2018:DOL

Strohmaier:2012:EFI


Shi:2013:A


Singh:2013:NBG


Shi:2013:MCM

[SLH13] Yue Shi, Martha Larson, and Alan Hanjalic. Mining

Sizov:2012:LGS


Shi:2014:MLC


Saito:2013:DCI


Shi:2013:MC

Siddharthan:2016:CCR


Shieh:2013:RTS


Soto-Mendoza:2015:DPS


Sang:2015:ASC


Semertzidis:2016:CPS

Theodoros Semertzidis, Jasminko Novak, Michalis Lazaridis, Mark Melenhorst, Isabel Michael, Dimitrios Michalopoulos, Martin Böckle, Michael G.

**Sintsova:2016:DDS**


**Stapleton:2015:CST**


**Schindler:2017:HMR**


**Sepехri-Rad:2015:ICW**


**Suk:2012:VHM**


**Schuster:2013:PSC**

Daniel Schuster, Alberto Rosi, Marco Mamei, Thomas Springer, Markus Endler,

**Sukthankar:2011:ARD**


**Spurlock:2015:EGD**


**Shi:2013:NLR**


**Shen:2018:MDH**


**Shakarian:2011:GGA**


**Shi:2015:ESC**

Miaojing Shi, Xinghai Sun, Dacheng Tao, Chao Xu, George Baciu, and Hong Liu. Exploring spatial correlation for visual object retrieval. *ACM Transactions
REFERENCES


[SSZ+13] Xuan Song, Xiaowei Shao, Quanshi Zhang, Ryosuke Shibasaki, Huijing Zhao, Jinshi Cui, and Hongbin Zha. A fully online and unsupervised system for large and high-density area surveillance: Tracking, semantic scene learning and abnormality detection. ACM Transactions on Intelligent Systems and Technology (TIST), 4(2):35:1–35:??, March 2013. CODEN ???. ISSN 2157-6904 (print), 2157-6912 (electronic).


[SWC11] Yuanlong Shao, Yuan Zhou, and Deng Cai. Variational inference with graph

**Song:2013:OSM**


**Song:2014:UGF**


**Song:2017:PSH**


**Shi:2012:BMA**


**Sun:2015:LSV**


**Talamadupula:2010:PHR**

[TBK+10] Kartik Talamadupula, J. Benton, Subbarao Kambham-


REFERENCES

Tu:2017:PPI

Tang:2015:RTH

Tong:2011:APL

Tran:2013:CPB

Trivedi:2012:LSB

Thai:2012:VAO
(print), 2157-6912 (electronic).


Xuning Tang and Christopher C. Yang. Detecting social media hidden

**Tang:2013:FTC**

[TZY+13] Lu-An Tang, Yu Zheng, Jing Yuan, Jiawei Han, Alice Leung, Wen-Chih Peng, and Thomas La Porta. A framework of traveling companion discovery on trajectory data streams. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 5(1):3:1–3:??, December 2013. CODEN ????? ISSN 2157-6904 (print), 2157-6912 (electronic).

**Ullah:2015:ERL**


**Varakantham:2018:RSS**


**Vasuki:2011:SAR**


**Vu:2011:FSK**

REFERENCES


[WHJ+11] Lei Wu, Steven C. H. Hoi, Rong Jin, Jianke Zhu, and
Wang:2013:DUR

Widmer:2017:GCE

Wang:2018:STP
Ward:2011:PMA


Wang:2010:AIS


Wu:2017:CDT


Wu:2018:IDC


Wang:2010:AIS


Wagstaff:2012:DLS


Wang:2015:PLL


Xin:2016:EGF


Wei:2016:MDC


Xu:2017:DOD


Xiong:2015:EEE


Xiong:2017:DDA


Yang:2012:MRM


Yin:2012:LCT

Zhijun Yin, Liangliang Cao, Quanquan Gu, and Jiawei Han. Latent community topic analysis: Inte-
REFERENCES


REFERENCES


Yang:2013:ISS


Yen:2013:LIS


Yao:2017:UCM


Yeh:2017:SIB


Yin:2017:UUI


Yang:2015:UHC

REFERENCES

Yu:2013:ISS


Yang:2016:PCM


Ying:2017:EIW


Zhou:2012:LAD


Zhang:2013:FTM


Zhang:2015:SSI

REFERENCES

2157-6904 (print), 2157-6912 (electronic).

Zhu:2015:FMF


Zhuang:2018:SRL


Zhai:2012:MML


Zheng:2014:ISS


Zheng:2014:UCC


Zhang:2018:SCA

REFERENCES


REFERENCES

2018. CODEN ???? ISSN 2157-6904 (print), 2157-6912 (electronic).


[Zhang:2015:RTS]


[Zhang:2015:SPL]

[ZLY+18] Chao Zhang, Dongming Lei, Quan Yuan, Honglei Zhuang, Lance Kaplan, Shaowen Wang, and Jiawei Han. GeoBurst+: Effective and real-time local event detection in geotagged tweet streams. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 9(3):34:1–34:??, February 2018. CODEN ???? ISSN 2157-6904 (print), 2157-6912 (electronic).

[Zhang:2018:GER]


[Zhuang:2015:CDS]


[Zhao:2014:PRL]

REFERENCES


Zhang:2015:RDI [ZSS+15] Quanshi Zhang, Xuan Song, Xiaowei Shao, Hui-jing Zhao, and Ryosuke Shibasaki. From RGB-D images to RGB images: Single labeling for min-
REFERENCES


Jiaming Zhang, Shuhui Wang, and Qingming Huang. Location-based parallel tag completion for geo-tagged social image retrieval. ACM Transactions on Intelligent Systems and Technology (TIST), 8(3):
REFERENCES

38:1–38:??, April 2017. CODEN ???? ISSN 2157-6904 (print), 2157-6912 (electronic).


Peng Zhang, Qian Yu, Yuexian Hou, Dawei Song, Jingfei Li, and Bin Hu. A distribution separation method using irrelevance feedback data for information retrieval. *ACM
Zhang:2012:RVT


Zha:2015:RMF


Zhang:2017:EPE


Zhao:2011:WDW

Shiwan Zhao, Michelle X. Zhou, Xiattian Zhang, Quan Yuan, Wentao Zheng, and...