A Complete Bibliography of *ACM Transactions on Spatial Algorithms and Systems (TSAS)*

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/

02 March 2022  
Version 1.06

**Title word cross-reference**

2 [ABM16, WK18]. 3 [ABM16, VTSD18]. A* [PWH21]. K [PAB+16, CCBS18].

2017 [Are19]. 2019 [Are21].

Accessible [KKT+18]. Accessing [CSF+19]. accident [HHRR20].
Analysis [BM20, LA19, MIF17, RLA19]. Analyzing [BPS18]. Angular [Pet21].
Anomalous [DPKW19]. Anomaly [SGBM20, WLL+19]. Apache [WMPH19].
Application [JS19, TIKG18, TL20].
Approaches [CDFP21]. Apps [CSKB19].
Area [BMVS16, PWH21, Pet21].
Area-Preserving [BMVS16].


Join [TDPT20, WMPH19].

Keyword [AKM21].


Obstructed [ZYW+21]. occurrence [PAB+16]. Occurrences [AKAM17].


[CSKB19, DV21, MICNC21, NT18].

TRIFL [TPZ15]. Trip [MH19, ZWT+20].
Trips [RHJC19]. Turbo [LCKQ20].
Turbo-GTS [LCKQ20]. Two [HHRR20].
Two-stream [HHRR20]. Type [BM20].
Type-based [BM20].

Understanding
[CSF+19, QKZU20, WLL+19, ZWT+20].
Unified [EP20]. Units [KS15]. Unordered
[SMM19]. Urban [AWD+18, FNCO20, Gol19, ROOF17, WCC+20]. User
[FNCO20]. Using [ABM16, BPS18, CFWW20, CEGH17, DPKW19, FHK+18, HBH+21, JSL+20, LNK+21, LGLG19, SMM19, SPKS16, SKZ+20, TLF+20, VBME21, ZSFB20, KTHK19].

Value [AKRH19]. Variables [SMM19].
Vector [KPS17, MICNC21, PLHC19, YÖR20].
Vehicles [LGLG19]. Vehicular [FHK+18].
Velocity [GDSB16]. Velocity-Based
[GDSB16]. via [CSF+19, ISNU17, KTY+18, NLC16, TYZO15]. Video [HHRR20].
Viewsed [FAMF16]. Visibility [ROOF17].
Vision [TLF+20]. Visited [SSTN19].
Visited-POI [SSTN19]. Visiting
[BASM21]. Visual [LNK+21].
Visualization [VTSD18]. Voronoi
[ZYW+21]. VRPDiv [MICNC21]. vs
[PH21].

Warping [EP20]. Watermarking [WK18].
Weighted [DCY+18, DPKW19]. Wildlife
[AFHW15].

References


Amagata:2017:GFM


Aydin:2017:MSS


Almaslukh:2021:TGS


Aly:2019:BBC


Aref:2019:ISI


Aref:2021:ISS


Albert:2019:IMD

REFERENCES

Ali:2016:SCQ

Ayala:2018:STM

Brito:2021:SPP

Bast:2019:EGG

Brown:2019:RPS

Both:2018:ISE

Babu:2020:TTB
Sarath Babu and B. S. Manoj. Toward a type-based analysis of

**Belussi:2016:SRR**


**Buchin:2016:APS**


**Bose:2021:PST**


**Belesiotis:2018:APS**


**Budig:2016:MLM**


**Choudhury:2018:BPT**

REFERENCES


Das:2020:SSA


Doocy:2019:RPM


DeBock:2021:SDD


Efstathiades:2016:EPR


Emiris:2020:PEM


Ferreira:2016:EEM

REFERENCES


**Fellegara:2020:TTF**


**Fujino:2018:DDI**


**Ghinita:2016:PAV**


**Gemsa:2015:MBL**


**Gudmundsson:2021:PIS**

REFERENCES


Goel:2016:PAD


Gollapudi:2019:ISI


Guting:2015:ST


He:2021:MIA


Huang:2020:IIT


Hemminki:2019:CRS

REFERENCES


REFERENCES


Kannangara:2019:SSG


Koide:2018:EIQ


Lowe:2019:FRA


Li:2020:TGF


Li:2019:PTT


Long:2017:SPB

REFERENCES

Laoudias:2021:IQP

Li:2020:CPM

Mahin:2019:AAR

Mariescu-Istodor:2021:VDC

Mariescu-Istodor:2017:GBM
Mariescu-Istodor:2018:CIR


Mishra:2020:TSP


Middya:2021:SIT


Naghizade:2020:PCA


Niu:2016:LED


Nur:2018:GRI


Pillai:2016:MMT

Karthik Ganesan Pillai, Rafal A. Angryk, Juan M. Banda, Dustin Kempton, Berkay Aydin, and Petrus C. Martens. Mining

Pavlovic:2019:DCP


PBGA19

Petro:2021:SEA


PLHC19

Pelekis:2016:SOL


Pietrobon:2019:ARC

Petrobon:2019:ARC


Pietrobon:2019:ARC

Pelekis:2016:SOL


Paoluzzi:2021:TCA

Paozzi:2021:TCA

Pelekis:2016:SOL

REFERENCES

Peng:2021:FOS

Qian:2020:UOD

Rayhan:2019:ESG

Rav:2019:FRA

Robles-Ortega:2017:EVD

Smolyak:2020:CIG

Steininger:2020:MEN
[SKZ+]20] Michael Steininger, Konstantin Kobs, Albin Zehe, Florian Lautenschlager, Martin Becker, and

**Sabek:2019:RSM**


**Souza:2020:STD**


**Skoumas:2016:LEU**


**Sun:2021:RTE**


**Suzuki:2019:PVP**


**Shao:2020:ILA**

Wei Shao, Siyu Tan, Sichen Zhao, Kyle Kai Qin, Xinhong Hei, Jeffrey Chan, and Flora D. Salim. Incorporating LSTM auto-encoders in optimizations to


REFERENCES


REFERENCES

Zhao:2016:OSE


Zhao:2019:SAR


Zhao:2020:DPS


Zhou:2020:SST


Zhu:2021:PCK

REFERENCES

(print), 2374-0361 (electronic).