Journal Finder

ACM *Transactions on Graphics* (TOG)

- **Title:** Deep Correlations for Texture Synthesis
- **Authors:** Omry Sendik, Daniel Cohen-Or

```
@article{Sendik:2017:DCT:3127587.3015461,
 author = {Sendik, Omry and Cohen-Or, Daniel},
 title = {Deep Correlations for Texture Synthesis},
 journal = {ACM Trans. Graph.},
 issue_date = {October 2017},
 volume = {36},
 number = {5},
 month = jul,
 year = {2017},
 issn = {0730-0301},
 pages = {161:1—161-:15},
 articleno = {161},
 numpages = {15},
 url = {http://doi.acm.org/10.1145/3015461},
 doi = {10.1145/3015461},
 acmid = {3015461},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {Texture synthesis, autocorrelation, neural networks},
}
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- **Title:** Shadow volume reconstruction from depth maps
- **Author:** Michael D. McCool
- **Pages:** 1-26

```
@article{McCool:2000:SVR:343002.343006,
 author = {McCool, Michael D.},
 title = {Shadow Volume Reconstruction from Depth Maps},
 journal = {ACM Trans. Graph.},
 issue_date = {Jan. 2000},
 volume = {19},
 number = {1},
 month = jan,
 year = {2000},
 issn = {0730-0301},
 pages = {1--26},
 numpages = {26},
 url = {http://doi.acm.org/10.1145/343002.343006},
 doi = {10.1145/343002.343006},
 acmid = {343006},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {hardware accelerated image synthesis, illumination, image
processing, shadows},
 }
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ACM SIGGRAPH Computer Graphics

- **Title:** An efficient computation of handle and tunnel loops via Reeb graphs
- **Authors:** Tamal K. Dey, Fengtao Fan, Yusu Wang
- **Article No:** 32

```
@article{Dey:2013:ECH:2461912.2462017,
 author = {Dey, Tamal K. and Fan, Fengtao and Wang, Yusu},
 title = {An Efficient Computation of Handle and Tunnel Loops via Reeb Graphs},
 journal = {ACM Trans. Graph.},
 issue_date = {July 2013},
 volume = {32},
 number = {4},
 month = jul,
 year = {2013},
 issn = {0730-0301},
 pages = {32:1--32:10},
 articleno = {32},
 numpages = {10},
 url = {http://doi.acm.org/10.1145/2461912.2462017},
 doi = {10.1145/2461912.2462017},
 acmid = {2462017},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {Reeb graph, geometric processing, handle and tunnel loops, surface
features},
}
```

- **Title:** Planar shape interpolation with bounded distortion
- **Authors:** Renjie Chen, Ofir Weber, Daniel Keren, Mirela Ben-Chen
- **Article No**: 108

```
@article{Chen:2013:PSI:2461912.2461983,
 author = {Chen, Renjie and Weber, Ofir and Keren, Daniel and Ben-Chen,
Mirela},
 title = {Planar Shape Interpolation with Bounded Distortion},
 journal = {ACM Trans. Graph.},
 issue_date = {July 2013},
 volume = {32},
 number = {4},
 month = jul,
 year = {2013},
 issn = {0730-0301},
 pages = {108:1--108:12},
 articleno = {108},
 numpages = {12},
 url = {http://doi.acm.org/10.1145/2461912.2461983},
 doi = {10.1145/2461912.2461983},
 acmid = {2461983},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {bounded distortion, conformal distortion, conformal mapping,
quasi-conformal, shape interpolation, triangle meshes},
}
```

IEEE *Transactions on Visualization and Computer Graphics* (TVCG)

- **Title:** Dataflow Graphs of Deep Learning Models in TensorFlow
- **Authors:** Kanit Wongsuphasawat ; Daniel Smilkov ; James Wexler ; Jimbo Wilson ; Dandelion Mané ; Doug Fritz ; Dilip Krishnan ; Fernanda B. Viégas ; Martin Wattenberg
- **Page(s):** 1- 12

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@ARTICLE{8019861,
author={K. Wongsuphasawat and D. Smilkov and J. Wexler and J. Wilson and D.
Mané and D. Fritz and D. Krishnan and F. B. Viégas and M. Wattenberg},
journal={IEEE Transactions on Visualization and Computer Graphics},
title={Visualizing Dataflow Graphs of Deep Learning Models in TensorFlow},
year={2018},
volume={24},
number={1},
pages={1-12},
keywords={data flow graphs;data visualisation;graph theory;learning (artificial
intelligence);TensorFlow Graph Visualizer;TensorFlow machine intelligence
platform;clustered graph;complex machine learning architectures;dataflow
graphs;decouple noncritical nodes;deep learning models;graph
transformations;hierarchical structure;legible interactive diagram;nested
structure;responsive cluster expansion;stable cluster expansion;standard layout
techniques;user feedback;Computational modeling;Layout;Machine learning;Neural
networks;Standards;Tools;Visualization;Clustered Graph;Dataflow Graph;Graph
Visualization;Neural Network},
doi={10.1109/TVCG.2017.2744878},
ISSN={1077-2626},
month={Jan},}
```

- **Title:** Information visualization and visual data mining
- **Author:** D. A. Keim
- **Page(s):** 1- 8

```
@ARTICLE{981847,
author={D. A. Keim},
journal={IEEE Transactions on Visualization and Computer Graphics},
title={Information visualization and visual data mining},
year={2002},
volume={8},
number={1},
pages={1-8},
keywords={data mining;data visualisation;data type;distortion
technique;information visualization;interaction technique;visual data
exploration;visual data mining;Data mining;Data
visualization;Floods;Hardware;Helium;History;Humans;Machine
learning;Statistics;Visual databases},
doi={10.1109/2945.981847},
ISSN={1077-2626},
month={Jan},}
```

IEEE Computer Graphics and Applications (CG&A)

- **Title:** Beautiful Math, Part 5: Colorful Archimedean Tilings from Dynamical Systems
- **Authors:** Peichang Ouyang; Weiguo Zhao; Xuan Huang
- **Page(s):** 90 – 96

```
@ARTICLE{7331172,
author={P. Ouyang and W. Zhao and X. Huang},
journal={IEEE Computer Graphics and Applications},
title={Beautiful Math, Part 5: Colorful Archimedean Tilings from Dynamical
Systems},
year={2015},
volume={35},
number={6},
pages={90-96},
keywords={art;computational geometry;1-uniform tilings;brick wall;colorful
Archimedean tilings;colorful pattern creation;continuous patterns;decorated
```

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regular tilings;decoration;dihedral symmetry;dynamical systems;global
crystallographic symmetry;invariant mapping method;local cyclic
symmetry;mosaic;pavement;regular polygons;symmetrical patterns;synthetic
organic chemistry;Finite element analysis;Heuristic
algorithms;History;Tilings;Archimedean tilings;computer graphics;cyclic
symmetry;dihedral symmetry;dynamical systems;symmetrical patterns;tilings;1},
doi={10.1109/MCG.2015.135},
ISSN={0272-1716},
month={Nov},}
```

- **Title:** Commodore Makes a Splash with Amiga
- **Author:** Angela Reilly
- **Page(s):** 10 – 14

```
@ARTICLE{4056827,
author={A. Reilly},
journal={IEEE Computer Graphics and Applications},
title={Commodore Makes a Splash with Amiga},
year={1986},
volume={6},
number={3},
pages={10-14},
keywords={Computer architecture;Displays;Graphics;Hardware;Image
resolution;Monitoring;Multitasking;Painting;Programming profession;User
interfaces},
doi={10.1109/MCG.1986.276626},
ISSN={0272-1716},
month={March},}
```

Computers and Graphics (C&G)

- **Title:** As-rigid-as-possible solid simulation with oriented particles
- **Authors:** Min Gyu Choi, Jehee Lee
- **Pages**: 1-7

```
@article{CHOI20181,
title = "As-rigid-as-possible solid simulation with oriented particles",
journal = "Computers & Graphics",
volume = "70",
pages = "1 - 7",
year = "2018",
note = "CAD/Graphics 2017",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.07.027",
url = "http://www.sciencedirect.com/science/article/pii/S0097849317301206",
author = "Min Gyu Choi and Jehee Lee",
keywords = "Physics-based simulation, Dynamic deformation, Deformation graph,
Oriented particle"
}
```

- **Title:** User-centered development of medical visualization applications: Flexible interaction through communicating application objects
- **Authors:** Jürgen Fechter, Thomas Grunert, L.Miguel Encarnação, Wolfgang Straßer
- **Pages:** 763-774

```
@article{FECHTER1996763,
title = "User-centered development of medical visualization applications:
Flexible interaction through communicating application objects",
journal = "Computers & Graphics",
volume = "20",
number = "6",
pages = "763 - 774",
year = "1996",
note = "Medical Visualization",
issn = "0097-8493",
doi = "https://doi.org/10.1016/S0097-8493(96)00054-4",
url = "http://www.sciencedirect.com/science/article/pii/S0097849396000544",
author = "Jürgen Fechter and Thomas Grunert and L.Miguel Encarnação and
Wolfgang Straßer"
}
```

Computer Graphics Forum (CGF)

- **Title:** Data-Driven Shape Interpolation and Morphing Editing
- **Authors:** Lin Gao, Shu-Yu Chen, Yu-Kun Lai and Shihong Xia
- **Pages:** 19-31

```
@article {CGF:CGF12991,
author = {Gao, Lin and Chen, Shu-Yu and Lai, Yu-Kun and Xia, Shihong},
title = {Data-Driven Shape Interpolation and Morphing Editing},
journal = {Computer Graphics Forum},
volume = {36},
number = {8},
issn = {1467-8659},
url = {http://dx.doi.org/10.1111/cgf.12991},
doi = {10.1111/cgf.12991},
pages = {19--31},
keywords = {data-driven, shape interpolation, shape space, morphing editing,
I.3.5 [Computer Graphics]: Computational Geometry and Object Modelling—object
representations},
year = {2017},
}
```

- **Title:** Graphic Objects: A Mathematical Abstract Model for Computer Graphics
- **Authors:** J.C. Torres and B. Clares
- **Pages:** 311-327

```
@article {CGF:CGFCGF125_0311,
author = {Torres, J.C. and Clares, B.},
title = {Graphic Objects: A Mathematical Abstract Model for Computer Graphics},
journal = {Computer Graphics Forum},
volume = {12},
number = {5},
publisher = {Blackwell Science Ltd},
issn = {1467-8659},
url = {http://dx.doi.org/10.1111/1467-8659.1250311},
doi = {10.1111/1467-8659.1250311},
pages = {311--327},
keywords = {Formal methods, Mathematical modelling, Theoretical Computer
Graphics},
year = {1993},
}
```

Visual Computer

- **Title:** Point-pattern matching based on point pair local topology and probabilistic relaxation labeling
- **Authors:** Wanxia Deng, Huanxin Zou, Fang Guo, Lin Lei, Shilin Zhou
- **Pages:** 55-65

```
@Article{Deng2018,
author="Deng, Wanxia
and Zou, Huanxin
and Guo, Fang
and Lei, Lin
and Zhou, Shilin",
title="Point-pattern matching based on point pair local topology and
probabilistic relaxation labeling",
journal="The Visual Computer",
year="2018",
month="Jan",
day="01",
volume="34",
number="1",
pages="55--65",
issn="1432-2315",
doi="10.1007/s00371-016-1311-3",
url="https://doi.org/10.1007/s00371-016-1311-3"
}
```

- **Title:** Shape similarity by homotopic deformation
- **Authors:** Yusaku Sako, Kikuo Fujimura
- **Pages:** 47-61

```
@Article{Sako2000,
author="Sako, Yusaku
and Fujimura, Kikuo",
title="Shape similarity by homotopic deformation",
journal="The Visual Computer",
year="2000",
month="Feb",
day="01",
volume="16",
number="1",
pages="47--61",
issn="1432-2315",
doi="10.1007/s003710050006",
url="https://doi.org/10.1007/s003710050006"
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