Christopher Primes
COMP.4270 Computer Graphics I
Journal Finder Assignment
26 January 2018

ACM Transactions on Graphics (TOG)

```
@article{He:2017:GPV:3151031.3144455,
 author = {He, Mingming and Liao, Jing and Sander, Pedro V. and Hoppe, Hugues},
 title = {Gigapixel Panorama Video Loops},
 journal = {ACM Trans. Graph.},
 issue_date = {January 2018},
 volume = {37},
 number = {1},
 month = nov,
 year = {2017},
 issn = {0730-0301},
 pages = {3:1--3:15},
 articleno = {3},
 numpages = {15},
 url = {http://doi.acm.org/10.1145/3144455},
 doi = {10.1145/3144455},
 acmid = {3144455},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {Video textures, cinemagraphs, video stitching},
}


@article{Smith:2017:CMM:3072959.3073607,
 author = {Smith, Brandon M. and Desai, Pratham and Agarwal, Vishal and Gupta, Mohit},
 title = {CoLux: Multi-object 3D Micro-motion Analysis Using Speckle Imaging},
 journal = {ACM Trans. Graph.},
 issue_date = {July 2017},
 volume = {36},
 number = {4},
 month = jul,
 year = {2017},
 issn = {0730-0301},
 pages = {34:1--34:12},
 articleno = {34},
 numpages = {12},
 url = {http://doi.acm.org/10.1145/3072959.3073607},
 doi = {10.1145/3072959.3073607},
 acmid = {3073607},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {computational imaging, gesture recognition, micro motion measurement,
user interfaces},
}
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IEEE Transactions on Visualization and Computer Graphics (TVCG)

@ARTICLE{7833028,
author={M. Krichenbauer and G. Yamamoto and T. Taketom and C. Sandor and H. Kato},
journal={IEEE Transactions on Visualization and Computer Graphics},
title={Augmented Reality versus Virtual Reality for 3D Object Manipulation},
year={2018},
volume={24},
number={2},
pages={1038-1048},
keywords={Augmented reality;Mice;Performance evaluation;Resists;Three-dimensional displays;Training;Visualization;Artificial;and virtual realities-multimedia information systems-information interfaces and representation;augmented;interaction techniques-methodology and techniques-computer graphics},
doi={10.1109/TVCG.2017.2658570},
ISSN={1077-2626},
month={Feb},}

@ARTICLE{7272102,
author={G. Lavoué and M. C. Larabi and L. Váša},
journal={IEEE Transactions on Visualization and Computer Graphics},
title={On the Efficiency of Image Metrics for Evaluating the Visual Quality of 3D Models},
year={2016},
volume={22},
number={8},
pages={1987-1999},
keywords={distortion;image processing;mesh generation;rendering (computer graphics);solid modelling;2D screens;3D meshes;3D model visual quality evaluation;application processes;geometric distortions;image metrics efficiency;image-based quality assessment approach;model-based metrics;model-based perceptual metrics;rendered data visual quality;visual artifact control;visual artifact prediction;visual fidelity;Computational modeling;Image quality;Measurement;Quality assessment;Solid modeling;Three-dimensional displays;Visualization;3d mesh visual quality assessment;Computer graphics;image quality assessment;perceptual metrics},
doi={10.1109/TVCG.2015.2480079},
ISSN={1077-2626},
month={Aug},}

IEEE Computer Graphics and Applications (CG&A)

@ARTICLE{8103313,
author={S. H. Yoon and J. Lewis and T. Rhee},
journal={IEEE Computer Graphics and Applications},
title={Blending Face Details: Synthesizing a Face Using Multiscale Face Models},
year={2017},
volume={37},
number={6},
pages={65-75},
keywords={computer graphics;2D parameter space;3D face mesh;CDMs;MFM;computer
graphics;face details;multiscale continuous displacement maps;multiscale face
models;nonhuman characters;salient facial features;weighted multiscale detail
blending;Computational modeling;Face recognition;Semantics;Shape analysis;Solid
modeling;Splines (mathematics);Three-dimensional displays;blendshapes;computer
graphics;continuous displacement maps;face modeling;multilevel b-spline;multiscale
face model;parameterization},
doi={10.1109/MCG.2017.4031069},
ISSN={0272-1716},
month={November},}

@ARTICLE{7478440,
author={M. Bernhard and M. Waldner and P. Plank and V. Soltészová and I. Viola},
journal={IEEE Computer Graphics and Applications},
title={The Accuracy of Gauge-Figure Tasks in Monoscopic and Stereo Displays},
year={2016},
volume={36},
number={4},
pages={56-66},
keywords={data visualisation;rendering (computer graphics);three-dimensional
displays;GFT probes;GT;gauge-figure tasks;ground truth;monoscopic displays;monoscopic
stimulus;rendering techniques;stereo displays;visualization techniques;Computer
graphics;Perception;Rendering (computer graphics);Shape analysis;Stereo image
processing;Visualization;computer graphics;gauge-figure task;perceptual
visualization;shape perception},
doi={10.1109/MCG.2016.45},
ISSN={0272-1716},
month={July},}

ACM SIGGRAPH Computer Graphics

```
@article{Peng:2016:DAF:2897824.2925941,
 author = {Peng, Yifan and Fu, Qiang and Heide, Felix and Heidrich, Wolfgang},
 title = {The Diffractive Achromat Full Spectrum Computational Imaging with
Diffractive Optics},
 journal = {ACM Trans. Graph.},
 issue_date = {July 2016},
 volume = {35},
 number = {4},
 month = jul,
 year = {2016},
 issn = {0730-0301},
 pages = {31:1--31:11},
 articleno = {31},
 numpages = {11},
 url = {http://doi.acm.org/10.1145/2897824.2925941},
 doi = {10.1145/2897824.2925941},
 acmid = {2925941},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {DOE, achromatic, computational imaging, ultrathin},
}
```
(Proceedings of ACM SIGGRAPH 2016)

```
@article{Knoppel:2015:SPS:2809654.2767000,
 author = {Kn\"{o}ppel, Felix and Crane, Keenan and Pinkall, Ulrich and Schr\"{o}der,
Peter},
 title = {Stripe Patterns on Surfaces},
 journal = {ACM Trans. Graph.},
 issue_date = {August 2015},
 volume = {34},
 number = {4},
 month = jul,
 year = {2015},
 issn = {0730-0301},
 pages = {39:1--39:11},
 articleno = {39},
 numpages = {11},
 url = {http://doi.acm.org/10.1145/2767000},
 doi = {10.1145/2767000},
 acmid = {2767000},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {digital geometry processing, direction fields, discrete differential
geometry, singularities, texture synthesis},
}
```
(Proceedings of ACM SIGGRAPH 2015)

Computers and Graphics (C&G)

```
@article{LEE20181,
title = "Heuristic misfit reduction: A programmable approach for 3D garment fit
customization",
journal = "Computers & Graphics",
volume = "71",
pages = "1 - 13",
year = "2018",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.10.004",
url = "http://www.sciencedirect.com/science/article/pii/S009784931730170X",
author = "Wonseop Lee and Hyeong-Seok Ko",
keywords = "Clothing simulation, Fit customization, Pattern-making, Computer
animation"
}

@article{FONDEVILLA20174,
title = "Patterns from photograph: Reverse-engineering developable products",
journal = "Computers & Graphics",
volume = "66",
pages = "4 - 13",
year = "2017",
note = "Shape Modeling International 2017",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.05.017",
url = "http://www.sciencedirect.com/science/article/pii/S0097849317300663",
author = "Amélie Fondevilla and Adrien Bousseau and Damien Rohmer and Stefanie Hahmann
and Marie-Paule Cani",
keywords = "Single-view 3D reconstruction, Image-based modeling, Sketch-based
modeling, Developable surfaces"
}
```

Computer Graphics Forum (CGF)

@article {CGF:CGF12990,
author = {Wang, Z. and Esturo, J. Martinez and Seidel, H.-P. and Weinkauf, T.},
title = {Stream Line-Based Pattern Search in Flows},
journal = {Computer Graphics Forum},
volume = {36},
number = {8},
issn = {1467-8659},
url = {http://dx.doi.org/10.1111/cgf.12990},
doi = {10.1111/cgf.12990},
pages = {7--18},
keywords = {visualization, pattern search, stream lines, Categories and Subject
Descriptors (according to ACM CCS): I.3.3 [Computer Graphics]: Picture/Image
Generation-Line and curve generation},
year = {2017},
}

@article {CGF:CGF12958,
author = {Campen, Marcel and Ibing, Moritz and Ebke, Hans-Christian and Zorin, Denis
and Kobbelt, Leif},
title = {Scale-Invariant Directional Alignment of Surface Parametrizations},
journal = {Computer Graphics Forum},
volume = {35},
number = {5},
issn = {1467-8659},
url = {http://dx.doi.org/10.1111/cgf.12958},
doi = {10.1111/cgf.12958},
pages = {1--10},
keywords = {Categories and Subject Descriptors (according to ACM CCS), I.3.5 [Computer
Graphics]: Computational Geometry and Object Modeling—},
year = {2016},
}

Visual Computer

```
@Article{Namane2018,
author="Namane, Rachid
and Miguet, Serge
and Oulebsir, Fatima Boumghar",
title="A fast voxelization algorithm for trilinearly interpolated isosurfaces",
journal="The Visual Computer",
year="2018",
month="Jan",
day="01",
volume="34",
number="1",
pages="5--20",
issn="1432-2315",
doi="10.1007/s00371-016-1306-0",
url="https://doi.org/10.1007/s00371-016-1306-0"
}

@Article{Krompiec2016,
author="Krompiec, Przemyslaw
and Park, Kyoungju
and Liang, Dongxue
and Lee, Changmin",
title="Deformable strokes towards temporally coherent video painting",
journal="The Visual Computer",
year="2016",
month="Jun",
day="01",
volume="32",
number="6",
pages="813--823",
issn="1432-2315",
doi="10.1007/s00371-016-1256-6",
url="https://doi.org/10.1007/s00371-016-1256-6"
}
```