ACM *Transactions on Graphics* (TOG)

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@Article{Bala:2017:3130800,
editor = {Bala, Kavita},
journal = {ACM Trans. Graph.},
year = {2017},
issn = {0730-0301},
volume = {36},
number = {6},
issue_date = {November 2017},
issue_description = {Proceedings of ACM SIGGRAPH Asia 017},
publisher = {ACM},
address = {New York, NY, USA},
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@Article{2010:1882261,
journal = {ACM Trans. Graph.},
year = {2010},
issn = {0730-0301},
volume = {29},
number = {6},
issue_date = {December 2010},
issue_description = {Proceedings of ACM SIGGRAPH Asia 2010},
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IEEE *Transactions on Visualization and Computer Graphics* (TVCG)

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@ARTICLE{7570239,
author={P. Federico and F. Heimerl and S. Koch and S. Miksch},
journal={IEEE Transactions on Visualization and Computer Graphics},
title={A Survey on Visual Approaches for Analyzing Scientific
Literature and Patents},
year={2017},
volume={23},
number={9},
pages={2179-2198},
keywords={data mining;data visualisation;document handling;information
analysis;patents;scientific information systems;advanced analytic
tools;data type;document visualization;interactive
analysis;multivariate attributes;patents;scientific
articles;scientific literature;sophisticated mining methods;visual
approaches;writings;Data
visualization;Law;Metadata;Patents;Visualization;Writing;Visualization
;documents;patents;scientific literature;survey},
doi={10.1109/TVCG.2016.2610422},
ISSN={1077-2626},
month={Sept},}
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@ARTICLE{7539364,
author={P. Isenberg and T. Isenberg and M. Sedlmair and J. Chen and T.
Möller},
journal={IEEE Transactions on Visualization and Computer Graphics},
title={Visualization as Seen through its Research Paper Keywords},
year={2017},
volume={23},
number={1},
pages={771-780},
keywords={data visualisation;query processing;research and
development;IEEE VIS reviewing process;IEEE visualization conference
series;comprehensive multipass analysis;informed keyword
choices;online query tool;research paper keywords;visualization paper
keywords;visualization subgroups;visualization terminology;Data
mining;Data models;Data visualization;Market
research;Taxonomy;Visualization;Vocabulary;data analysis;research
themes;research topics;taxonomy;theory;visualization history},
doi={10.1109/TVCG.2016.2598827},
ISSN={1077-2626},
month={Jan},}
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IEEE *Computer Graphics and Applications* (CG&A)

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@ARTICLE{7436647,
author={M. Knuth and J. Bender and M. Goesele and A. Kuijper},
journal={IEEE Computer Graphics and Applications},
title={Deferred Warping},
year={2017},
volume={37},
number={6},
pages={76-87},
keywords={computer animation;virtual prototyping;2D pattern
modeling;3D garment simulation;3D objects;animation;deferred
warping;manipulated surface;real-time deformation;virtual
prototyping;Clothing;Computational modeling;Geometry;Real-time
systems;Rendering (computer graphics);Surface treatment;Three-
dimensional displays;computer graphics;garment modeling;real-time
deformation;virtual prototyping},
doi={10.1109/MCG.2016.41},
ISSN={0272-1716},
month={November},}

@ARTICLE{4118486,
author={D. Borland and R. M. Taylor Ii},
journal={IEEE Computer Graphics and Applications},
title={Rainbow Color Map (Still) Considered Harmful},
year={2007},
volume={27},
number={2},
pages={14-17},
keywords={colour graphics;data visualisation;data
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visualization;rainbow color map;Color;Conference proceedings;Data
visualization;Encoding;Gray-scale;Hazards;Isosurfaces;Magnetic
resonance imaging;Tensile stress;Transfer functions;color map;rainbow
color map;visualization toolkits},
doi={10.1109/MCG.2007.323435},
ISSN={0272-1716},
month={March},}
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ACM SIGGRAPH *Computer Graphics* (conference proceedings only, published as an ACM TOG issue)

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@article{Cook:1984:ST:964965.808602,
 author = {Cook, Robert L.},
 title = {Shade Trees},
 journal = {SIGGRAPH Comput. Graph.},
 issue_date = {July 1984},
 volume = {18},
 number = {3},
 month = jan,
 year = {1984},
 issn = {0097-8930},
 pages = {223--231},
 numpages = {9},
 url =
{http://doi.acm.org.umasslowell.idm.oclc.org/10.1145/964965.808602},
 doi = {10.1145/964965.808602},
 acmid = {808602},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {Color, Computer Graphics, Illumination, Lighting,
Reflection, Shading, Shadows, Texture},
}

@inproceedings{Cook:1984:ST:800031.808602,
 author = {Cook, Robert L.},
 title = {Shade Trees},
 booktitle = {Proceedings of the 11th Annual Conference on Computer
Graphics and Interactive Techniques},
 series = {SIGGRAPH '84},
 year = {1984},
 isbn = {0-89791-138-5},
 pages = {223--231},
 numpages = {9},
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{http://doi.acm.org.umasslowell.idm.oclc.org/10.1145/800031.808602},
 doi = {10.1145/800031.808602},
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Reflection, Shading, Shadows, Texture},
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}
@article{Akeley:1988:HPR:378456.378516,
 author = {Akeley, Kurt and Jermoluk, Tom},
 title = {High-performance Polygon Rendering},
 journal = {SIGGRAPH Comput. Graph.},
 issue_date = {Aug. 1988},
 volume = {22},
 number = {4},
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 year = {1988},
 issn = {0097-8930},
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{http://doi.acm.org.umasslowell.idm.oclc.org/10.1145/378456.378516},
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 acmid = {378516},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {graphics systems},
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@inproceedings{Akeley:1988:HPR:54852.378516,
 author = {Akeley, Kurt and Jermoluk, Tom},
 title = {High-performance Polygon Rendering},
 booktitle = {Proceedings of the 15th Annual Conference on Computer
Graphics and Interactive Techniques},
 series = {SIGGRAPH '88},
 year = {1988},
 isbn = {0-89791-275-6},
 pages = {239--246},
 numpages = {8},
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{http://doi.acm.org.umasslowell.idm.oclc.org/10.1145/54852.378516},
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 acmid = {378516},
 publisher = {ACM},
 address = {New York, NY, USA},
 keywords = {graphics systems},
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Computers and Graphics (C&G)

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@article{MENG201855,
title = "Real-time fish animation generation by monocular camera",
journal = "Computers & Graphics",
volume = "71",
pages = "55 - 65",
year = "2018",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.12.004",
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url =
"http://www.sciencedirect.com/science/article/pii/S0097849317302170",
author = "Xiangfei Meng and Junjun Pan and Hong Qin and Pu Ge",
keywords = "Fish animation, Markerless motion capture, Monocular
camera, Motion retargeting, Motion fine tuning"
}
@article{CHENG201888,
title = "Parametric modeling of 3D human body shape—A survey",
journal = "Computers & Graphics",
volume = "71",
pages = "88 - 100",
year = "2018",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.11.008",
url =
"http://www.sciencedirect.com/science/article/pii/S0097849317301929",
author = "Zhi-Quan Cheng and Yin Chen and Ralph R. Martin and Tong Wu
and Zhan Song",
keywords = "3D human body, Survey, Parametric human shape model,
Avatar capture, Applications of human shape models"
}


@article{MENG201855,
title = "Real-time fish animation generation by monocular camera",
journal = "Computers & Graphics",
volume = "71",
pages = "55 - 65",
year = "2018",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.12.004",
url =
"http://www.sciencedirect.com/science/article/pii/S0097849317302170",
author = "Xiangfei Meng and Junjun Pan and Hong Qin and Pu Ge",
keywords = "Fish animation, Markerless motion capture, Monocular
camera, Motion retargeting, Motion fine tuning"
}
@article{CHENG201888,
title = "Parametric modeling of 3D human body shape—A survey",
journal = "Computers & Graphics",
volume = "71",
pages = "88 - 100",
year = "2018",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.11.008",
url =
"http://www.sciencedirect.com/science/article/pii/S0097849317301929",
author = "Zhi-Quan Cheng and Yin Chen and Ralph R. Martin and Tong Wu
and Zhan Song",
keywords = "3D human body, Survey, Parametric human shape model,
Avatar capture, Applications of human shape models"
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@article{MENG201855,
title = "Real-time fish animation generation by monocular camera",
journal = "Computers & Graphics",
volume = "71",
pages = "55 - 65",
year = "2018",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.12.004",
url =
"http://www.sciencedirect.com/science/article/pii/S0097849317302170",
author = "Xiangfei Meng and Junjun Pan and Hong Qin and Pu Ge",
keywords = "Fish animation, Markerless motion capture, Monocular
camera, Motion retargeting, Motion fine tuning"
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@article{CHENG201888,
title = "Parametric modeling of 3D human body shape—A survey",
journal = "Computers & Graphics",
volume = "71",
pages = "88 - 100",
year = "2018",
issn = "0097-8493",
doi = "https://doi.org/10.1016/j.cag.2017.11.008",
url =
"http://www.sciencedirect.com/science/article/pii/S0097849317301929",
author = "Zhi-Quan Cheng and Yin Chen and Ralph R. Martin and Tong Wu
and Zhan Song",
keywords = "3D human body, Survey, Parametric human shape model,
Avatar capture, Applications of human shape models"
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***Computer Graphics Forum* (CGF)**

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@article{12659913620171201,
ISSN = {01677055},
Journal = {Computer Graphics Forum},
Keywords = {COMPUTER graphics periodicals, PERIODICAL editors},
Number = {8},
Pages = {1 - 5},
Title = {Issue Information.},
Volume = {36},
URL =
{https://umasslowell.idm.oclc.org/login?url=http://search.ebscohost.co
m/login.aspx?direct=true&db=aph&AN=126599136&site=ehost-live},
Year = {2017},
}

@article{11137838520151201,
Abstract = {We present a real-time framework which allows interactive
visualization of relativistic effects for time-resolved light
transport. We leverage data from two different sources: real-world
data acquired with an effective exposure time of less than 2
picoseconds, using an ultra-fast imaging technique termed
```

femtophotography, and a transient renderer based on ray-tracing. We explore the effects of time dilation, light aberration, frequency shift and radiance accumulation by modifying existing models of these relativistic effects to take into account the time-resolved nature of light propagation. Unlike previous works, we do not impose limiting constraints in the visualization, allowing the virtual camera to explore freely a reconstructed 3D scene depicting dynamic illumination. Moreover, we consider not only linear motion, but also acceleration and rotation of the camera. We further introduce, for the first time, a pinhole camera model into our relativistic rendering framework, and accoun},
Author = {Jarabo, Adrian and Masia, Belen and Velten, Andreas and Barsi, Christopher and Raskar, Ramesh and Gutierrez, Diego},
ISSN = {01677055},
Journal = {Computer Graphics Forum},
Keywords = {LIGHT propagation, TIME-resolved measurements, RELATIVISTIC energy, THREE-dimensional imaging, VIRTUAL reality, relativistic, time-resolved, transient},
Number = {8},
Pages = {1 - 12},
Title = {Relativistic Effects for Time-Resolved Light Transport.},
Volume = {34},
URL = {https://umasslowell.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=aph&AN=111378385&site=ehost-live},
Year = {2015},
}

Visual Computer

@article{tagkey2017IFC,
title = "Editorial Board ",
journal = "Journal of Visual Languages & Computing ",
volume = "43",
number = "",
pages = "IFC - ",
year = "2017",
note = "",
issn = "1045-926X",
doi = "https://doi.org/10.1016/S1045-926X(17)30252-5",
url = "https://www.sciencedirect.com/science/article/pii/S1045926X17302525",
key = "tagkey2017IFC"

}

@article{tagkey2015IFC,
title = "Editorial Board ",
journal = "Journal of Visual Languages & Computing ",
volume = "30",
number = "",

pages = "IFC - ",
year = "2015",
note = "",
issn = "1045-926X",
doi = "https://doi.org/10.1016/S1045-926X(15)00050-6",
url =
"https://www.sciencedirect.com/science/article/pii/S1045926X15000506",
key = "tagkey2015IFC"
}
@article{Rafe20151,
title = "Using graph transformation systems to formalize Tropos
diagrams ",
journal = "Journal of Visual Languages & Computing ",
volume = "30",
number = "",
pages = "1 - 16",
year = "2015",
note = "",
issn = "1045-926X",
doi = "https://doi.org/10.1016/j.jvlc.2015.08.001",
url =
"https://www.sciencedirect.com/science/article/pii/S1045926X15000452",
author = "Vahid Rafe and Mitra Golparian and Siamak Rasoolzadeh",
keywords = "Formal modeling",
keywords = "Graph transformation systems",
keywords = "Agent-oriented software engineering",
keywords = "Tropos "
}