Global Illumination for Fun and Profit

Roy G. Biv, Ed Grimley, *Member, IEEE*, and Martha Stewart

Fig. 1. In the Clouds: Vancouver from Cypress Mountain. Note that the teaser may not be wider than the abstract block.

Abstract—Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi.

Index Terms—Radiosity, global illumination, constant time

1 Introduction

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2 Using the Style Template

- If you receive compilation errors along the lines of "`Package ifpdf Error: Name clash, \ifpdf is already defined`" then please add a new line "`\let\ifpdf\relax`" right after the "`\documentclass[journal]{vgtc}`" call. Note that your error is due to packages you use that define "`\ifpdf`" which is obsolete (the result is that `\ifpdf` is defined twice); these packages should be changed to use ifpdf package instead.

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DVI-based processes to compile the template apparently cannot handle the different font so, by default, the template file uses the `abbrv-doi` bibliography style but the compiled PDF shows you the effect of the `abbrv-doi-hyperref-narrow` style.

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  - should be entered as "{M}arching {C}ubes: A High Resolution {3D} Surface Construction Algorithm" or "{M}arching {C}ubes: A high resolution {3D} surface construction algorithm"
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4 Example Section

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5 Exposition

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$$\sum_{j=1}^{z} j = \frac{z(z+1)}{2} \tag{1}$$

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Table 1. VIS/VisWeek accepted/presented papers: 1990–2016.

year	Vis/SciVis	SciVis conf	InfoVis	VAST	VAST conf	TVCG @ VIS	CG&A @ VIS	VIS/VisWeek incl. TVCG/CG&A	VIS/VisWeek w/o TVCG/CG&A
2016	30		37	33	15	23	10	148	115
2015	33	9	38	33	14	17	15	159	127
2014	34		45	33	21	20		153	133
2013	31		38	32		20		121	101
2012	42		44	30		23		139	116
2011	49		44	26		20		139	119
2010	48		35	26				109	109
2009	54		37	26				117	117
2008	50		28	21				99	99
2007	56		27	24				107	107
2006	63		24	26				113	113
2005	88		31					119	119
2004	70		27					97	97
2003	74		29					103	103
2002	78		23					101	101
2001	74		22					96	96
2000	73		20					93	93
1999	69		19					88	88
1998	72		18					90	90
1997	72		16					88	88
1996	65		12					77	77
1995	56		18					74	74
1994	53							53	53
1993	55							55	55
1992	53							53	53
1991	50							50	50
1990	53							53	53
sum	**1545**	**9**	**632**	**310**	**50**	**123**	**25**	**2694**	**2546**

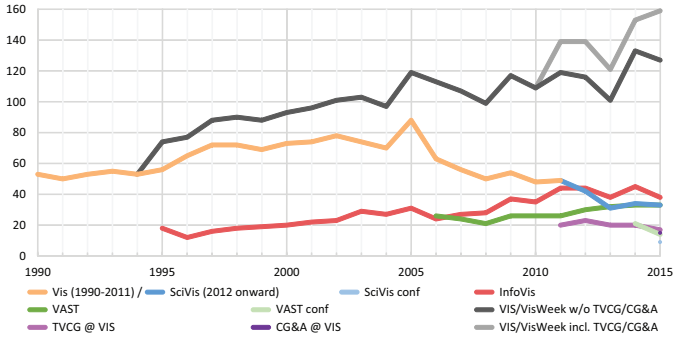

Fig. 2. A visualization of the 1990–2015 data from Table 1. The image is from [1] and is in the public domain.

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[1]The algorithm behind Marching Cubes [4] had already been described by Wyvill et al. [7] a year earlier.

[2]Footnotes appear at the bottom of the column.

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6 Conclusion

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Acknowledgments

The authors wish to thank A, B, and C. This work was supported in part by a grant from XYZ (# 12345-67890).

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