The Imager Journal Club

Marcelo Walter

1 Introduction

The purpose of *The Journal Club* is to have a regular meeting (weekly) where it will be presented a summary of the papers published in a given computer graphics journal. Basically, each member in the club is assigned and responsible for a different journal in his/her area of interest. This works in a round fashion so that each member in the journal club will probably speak two or three times a year, depending on how many people we have and on how many "worth" computer graphics and related magazines we ultimately want to evaluate.

It is a good way for the members to become aware of what has been published not only in his/her direct area of interest but also in related areas (e.g., a "rendering oriented" person will "learn" more about HCI and vice-versa). It is also good for everybody to improve presentation skills, though the goals of the meetings are:

- to raise confidence in evaluating the soundness of a paper
- to instigate critical thought

Here follows the list of the main journals in computer graphics and related areas.

2 ACM transactions on graphics

- RESPONSIBLE:
- LAST ISSUE: January 1994, Vol. 13, Number 1
- CALL NUMBER: T 385 A18
- LOCATION: Reading Room - Computer Science
- SOURCE: [New York : Association for Computing Machinery], 1982-
- DESCRIPTION: v. : ill. ; 26 cm. Frequency: Quarterly Vol.1, no.1 (Jan. 1982)-
- SUBJECTS: Computer graphics - Periodicals

3 IEEE computer graphics and applications

- RESPONSIBLE:
- LAST ISSUE: May 1994, Vol. 14, Number 3
- CALL NUMBER: T 385 I33 C64
- LOCATION: Reading Room - Computer Science
- SOURCE: Los Alamitos, Calif. : IEEE Computer Society, 1981-

- DESCRIPTION: v. : ill. ; 28 cm. Frequency: Bimonthly Vol.1, no.1 (Jan. 1981)-
- SUBJECTS: Computer graphics - Periodicals.

4 IEEE Transactions on Visualization and Computer Graphics

- RESPONSIBLE:
- LAST ISSUE:
- CALL NUMBER: TK 5700 I621 VI
- LOCATION: Reading Room - Computer Science
- SOURCE: New York, NY: IEEE Computer Society, 1995-
- DESCRIPTION: v. : ill. (some col.) ; 28 cm. Frequency: Quarterly
- SUBJECTS: Computer graphics - Periodicals.

5 Journal of Graphics Tools

- RESPONSIBLE:
- LAST ISSUE:
- CALL NUMBER:
- LOCATION: Reading Room - Computer Science
- SOURCE:
- DESCRIPTION:
- SUBJECTS: Computer graphics - Periodicals.

6 Computer graphics

- RESPONSIBLE:
- LAST ISSUE: February 1994, Vol. 28, Number 1
- CALL NUMBER: T 385 C572 G72
- LOCATION: Reading Room - Computer Science

7 IEEE transactions on pattern analysis and machine intelligence

- RESPONSIBLE:
- LAST ISSUE: April 1994, Vol. 16, Number 4
- CALL NUMBER: TK 5700 I621 PAMI
- LOCATION: Reading Room - Computer Science
- SOURCE: New York : Institute of Electrical and Electronics Engineers, 1979.
- DESCRIPTION: v. : ill. ; 28 cm. Bimonthly v. PAMI 1(1979)-

8 CVGIP - Graphical models and image processing

Graphical models and image processing.
Computer vision, graphics, and image processing.
Graphical models and image processing.

- RESPONSIBLE:
- CALL NUMBER: T 385 C573
- LOCATION: Main Stacks
  library has: V.53 1991 - V.56 N.1 JAN 1994
  latest bound: V.55 1993
  Unbound at: Science and Engineering Div.
- SOURCE: San Diego, Calif. : Academic Press, 1991-
- DESCRIPTION: v. Frequency: Bimonthly Vol. 53, no.1 (Jan. 1991) -
- SUBJECTS: Optical data processing - Periodicals.
  Computer graphics - Periodicals.

9 CVGIP : Image understanding

Computer vision, graphics, and image processing.
Image understanding.

- RESPONSIBLE:
- CALL NUMBER: T 385 C572
- LOCATION: Main Stacks
  library has: V.53-54 1991 - V.59 N.2 MAR 1994
  latest bound: V.58 1993
  Unbound at: Science and Engineering Div.
- SOURCE: San Diego, Calif. : Academic Press, 1991-
- DESCRIPTION: v. Frequency: Bimonthly Vol. 53, no.1 (Jan. 1991) -
- SUBJECTS: Optical data processing - Periodicals.
  Computer graphics - Periodicals.

10 Computers & graphics

- RESPONSIBLE:
- LAST ISSUE: November/December 1993, Vol. 17, Number 6
- CALL NUMBER: T 385 C65 G73
- LOCATION: Main Stacks
- SOURCE: New York : Pergamon Press.
- DESCRIPTION: Frequency: Quarterly May 1975 (v.1)-
- SUBJECTS: Computer graphics - Periodicals.

11 Computer graphics forum

- RESPONSIBLE:
- LAST ISSUE: March 1994, Vol. 13, Number 1
- CALL NUMBER: T 385 C572 G7
- LOCATION: Main Stacks
  library has: V.1-2 1982-83 - V.12 N.5 DEC 1993
  latest bound: V.11 1992
- SOURCE: Amsterdam : North Holland, [1982?-
- DESCRIPTION: v. : ill. ; 26 cm. Frequency: Other Vol. 1, no. 1 (Mar. 1982)-
- SUBJECTS: Computer graphics - Periodicals
- NOTES: Journal of the European Association for CG

12 The Visual computer

- RESPONSIBLE:
- LAST ISSUE: March 1994, Vol. 10, Number 4
- CALL NUMBER: T 385 V478
- LOCATION: Mathematics Library
- SOURCE: [Berlin] : Springer International, [c1985-
- DESCRIPTION: v. : ill. ; 28 cm. Frequency: Bimonthly, 1986-
  Bimonthly Vol. 1, no. 1 (July 1985)-
- SUBJECTS: Computer graphics - Periodicals
- NOTES: Official Journal of the Computer Graphics Society

13 The Journal of visualization and computer animation

- RESPONSIBLE:
- LAST ISSUE: January/March 1994, Vol. 5, Number 1
- CALL NUMBER: TR 897.5 J68
- LOCATION: Main Stacks
- SOURCE: Chichester, Sussex, England : Wiley, c1990-
- DESCRIPTION: v. : ill. ; 30 cm. Frequency: Quarterly Vol. 1, no. 1 (Aug. 1990)-
- SUBJECTS: Computer animation - Periodicals.
  Visualization - Periodicals.

14 Computer aided design - CAD

- RESPONSIBLE:
- LAST ISSUE: April 1994, Vol. 26, Number 4
- CALL NUMBER: TA 174 C58
- LOCATION: Main Stacks
- SOURCE: [London, Heywood-Temple]
- DESCRIPTION: Frequency: Monthly v.1- autumn 1968-
- SUBJECTS: Engineering design - Data processing - Periodicals.
  Computer graphics - Periodicals.

15 Pixel

- RESPONSIBLE:
- CALL NUMBER: T 385 P58
- LOCATION: Main Stacks
  library has: V.1 N.1 JAN/FEB 1990 - V.2 N.2 JUL/AUG 1991
  Mathematics Library
  library has: V.1 N.1 JAN/FEB 1990 - V.1 N.4 NOV/DEC 1990
- SOURCE: Watsonville, CA : Pixel Communications, c1990-
- DESCRIPTION: v. : ill. ; 28 cm Frequency: Bimonthly Vol. 1, no. 1 (Jan./Feb.1990)
- SUBJECTS: Computer graphics - Periodicals.
  Science - Data processing - Periodicals.
  Color computer graphics - Periodicals.

16 Computer aided geometric design

- RESPONSIBLE:
- LAST ISSUE: February 1994, Vol. 11, Number 1
- CALL NUMBER: T 385 C655 A42
- LOCATION: Main Stacks
- SOURCE: Amsterdam : North-Holland, 1984-
- DESCRIPTION: v. : ill. ; 27 cm. Frequency: Bimonthly Vol. 1, no. 1 (July 1984)-
- SUBJECTS: Geometrical drawing - Periodicals.
  Computer graphics - Periodicals.

17 Curves and surfaces in computer vision and graphics

- RESPONSIBLE:
- CALL NUMBER: T 385 C878
- LOCATION: Main Stacks
  library has: V.2 1991 - V.3 1992
- SOURCE: Bellingham, Wash. : SPIE, c1990-
- DESCRIPTION: v. Frequency: Annual [Vol. 1] (1990)-
- SERIES: Proceedings of SPIE–the International Society for Optical Engineering ; v. 1251, etc..
- SUBJECTS: Computer graphics - Congresses.
  Computer vision - Congresses.

18 SIGCHI bulletin

- RESPONSIBLE:
- LAST ISSUE: Vol. 26, Number 2
- NAMES: SIGCHI bull
  Special Interest Group on Computer & Human Interaction bulletin
  ACM Special Interest Group on Computer & Human Interaction.
- CALL NUMBER: H 61 A77 S15
- LOCATION: Mathematics Library and Reading Room Computer Science
- SOURCE: [New York, N.Y. : The Special Interest Group on Computer & Human Interaction, 1982-
- DESCRIPTION: v. : ill. ; 28 cm. Quarterly Vol. 14, 1 (July 1982)-
- SUBJECTS: Information storage and retrieval systems - Social sciences.
  Information storage and retrieval systems - Behaviorism (Psychology)
- NOTES: A quarterly publication of the Special Interest Group on Computer & Human Interaction.

19 Human-computer interaction

- RESPONSIBLE:
- LAST ISSUE: May 1994, Vol. 8, Number 4
- CALL NUMBER: QA 76.9 S88 H84
- LOCATION: Main Stacks
- SOURCE: Hillsdale, N.J. : Lawrence Erlbaum Associates, c1985-
- DESCRIPTION: v. : ill. ; 23 cm. Quarterly Vol. 1, no. 1 (1985)-
- SUBJECTS: System design - Periodicals.
  Computers - Psychological aspects - Periodicals.
  Man-machine systems - Periodicals.

20 International journal of human-computer interaction

- RESPONSIBLE:
- LAST ISSUE: October/December 1993, Vol. 5, Number 4
- CALL NUMBER: QA 76.9 H85 I62
- LOCATION: Main Stacks
- SOURCE: Norwood, N.J. : Ablex Pub. Corp., 1989-
- DESCRIPTION: v. : ill. ; 26 cm. Quarterly Vol. 1, no. 1 (1989)-
- SUBJECTS: Human-computer interaction - Periodicals.

21 Interactions

- RESPONSIBLE:
- LAST ISSUE: Jan. 1994, Vol. 1, Number 1
- CALL NUMBER: QA 76.9 H85 I57
- LOCATION: Mathematics Library
- SOURCE: New York, NY : Association for Computing Machinery, Inc., c1994-
- DESCRIPTION: v. Quarterly Vol. 1, no. 1 (Jan. 1994)-
- SUBJECTS: Human-computer interaction - Periodicals.

22 ACM TOCHI

- RESPONSIBLE:
- LAST ISSUE: March 1994, Vol. 1, Number 1
- LOCATION: Reading Room - Computer Science
- SOURCE: New York, NY : Association for Computing Machinery, Inc., c1994-