



*Department of Applied Mathematics  
and Computational Sciences*  
*University of Cantabria*  
**UC-CAGD Group**



**COMPUTER-AIDED GEOMETRIC DESIGN  
AND COMPUTER GRAPHICS:  
BIBLIOGRAPHY**

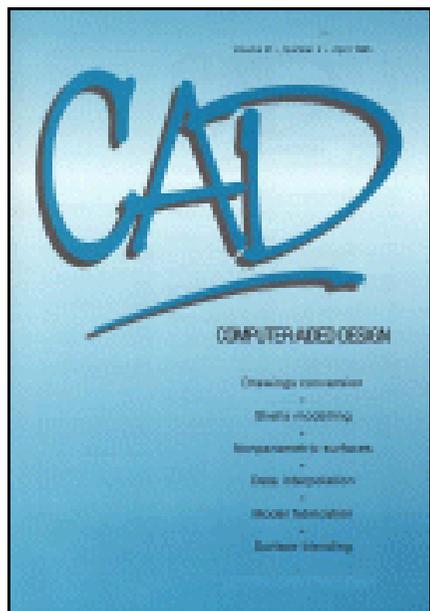
**Andrés Iglesias**

**e-mail: [iglesias@unican.es](mailto:iglesias@unican.es)**

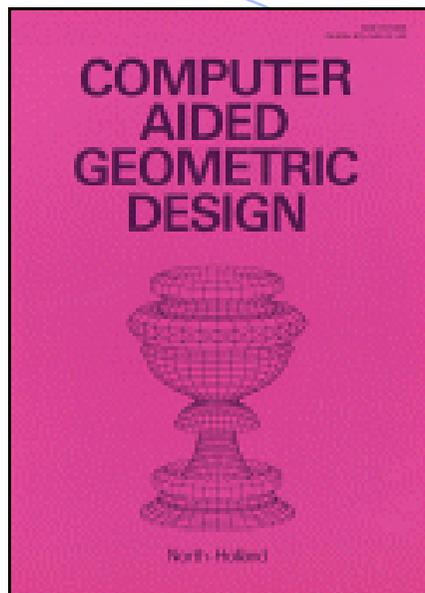
**Web pages: <http://personales.unican.es/iglesias>  
<http://etsiso2.macc.unican.es/~cagd>**



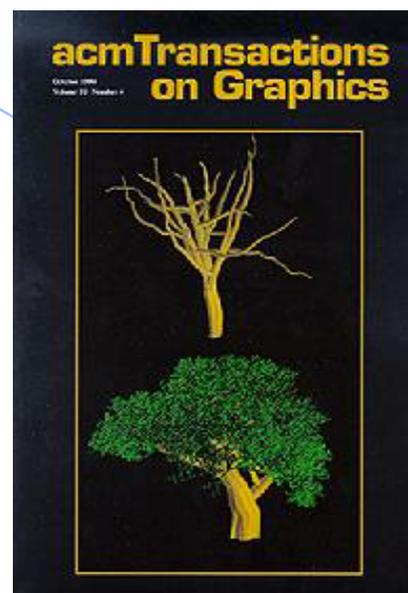
# Bibliography: Journals



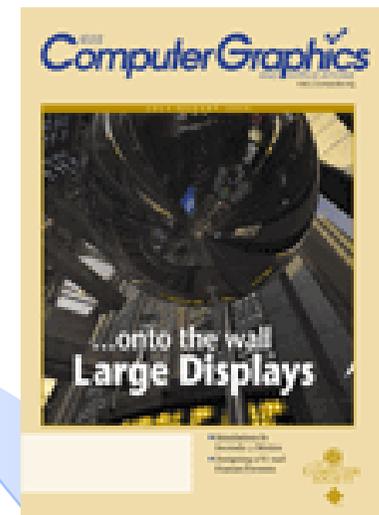
*Computer Aided Design*



*Computer-Aided Geometric Design*



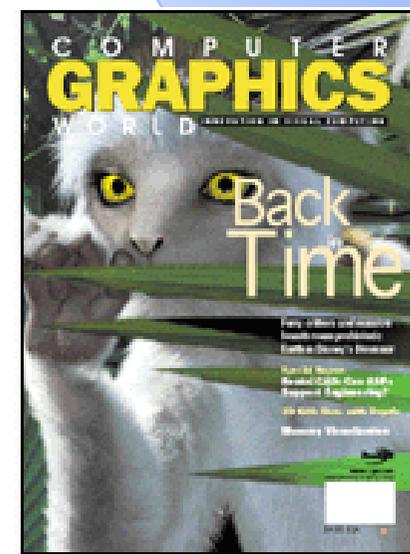
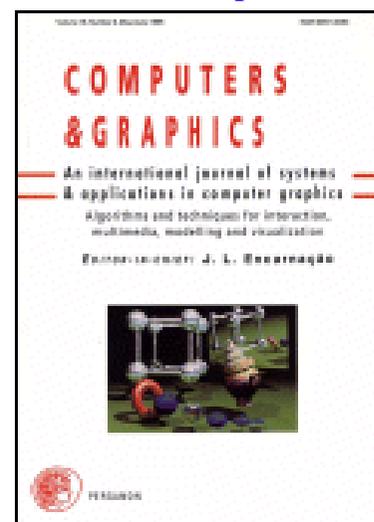
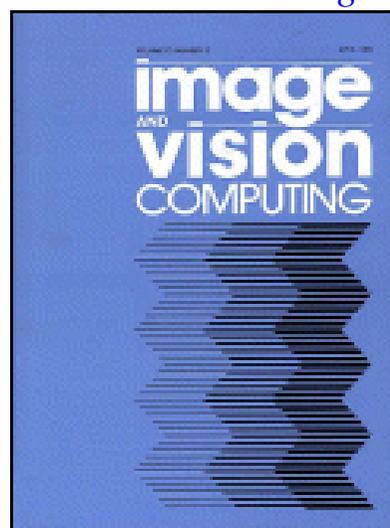
*ACM Transactions on Graphics*



*IEEE Computer Graphics & Applications*

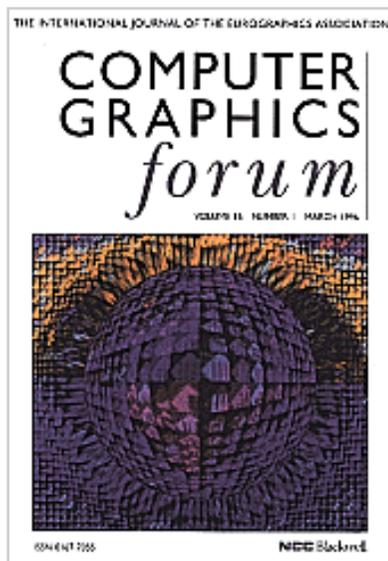


*Journal of Graphics Tools*

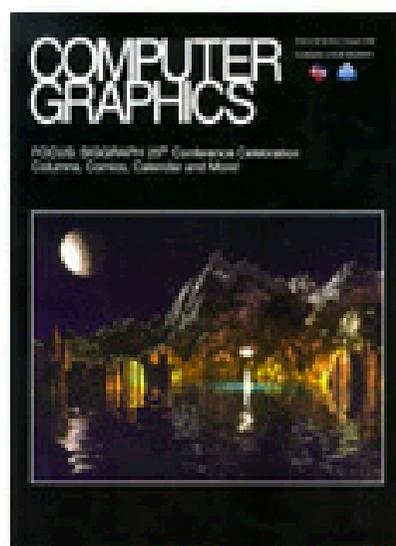




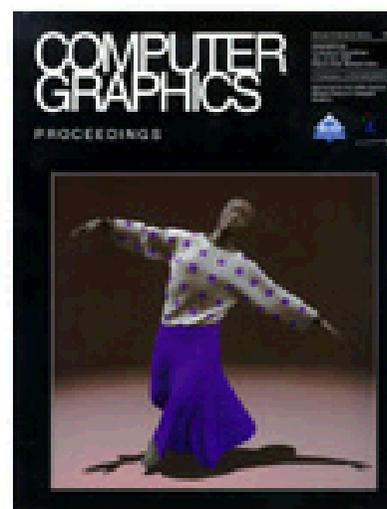
# Bibliography: Journals



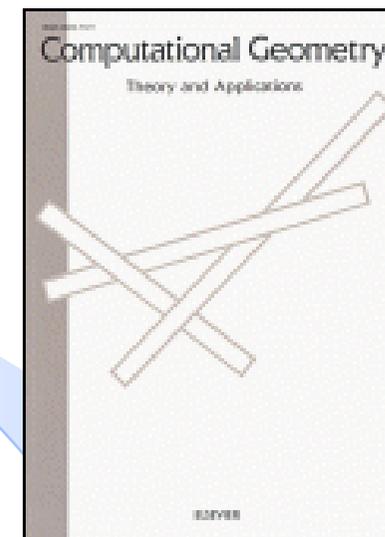
*Computer Graphics Forum*



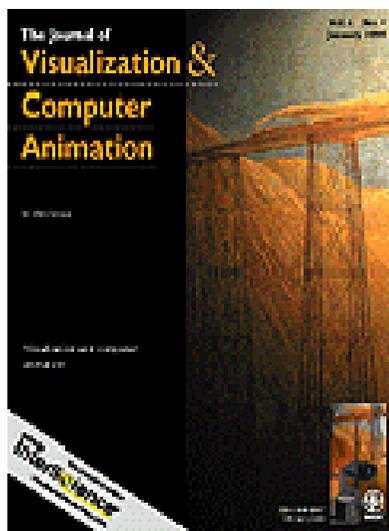
*Computer Graphics*



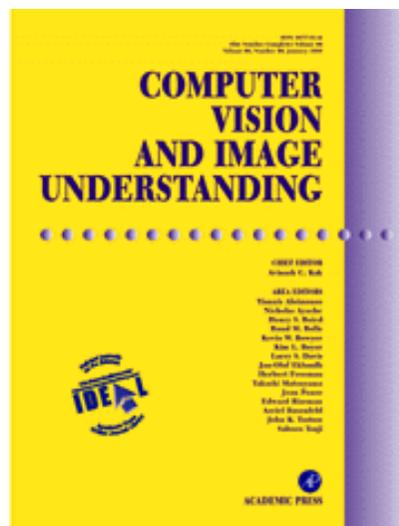
*Siggraph Proceedings*



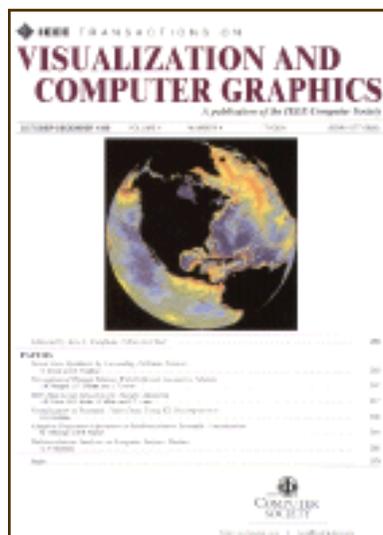
*Computational Geometry*



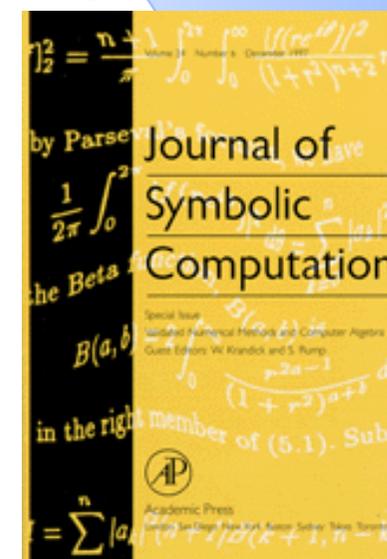
*The Journal of Visualization and Computer Animation*



*Computer Vision and Image Understanding*



*IEEE Transactions on Visualization and Computer Graphics*



*Journal of Symbolic Computation*

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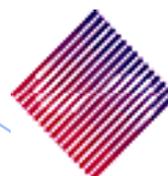


# Bibliography: Associations



**EUROGRAPHICS**

European Association  
for Computer Graphics

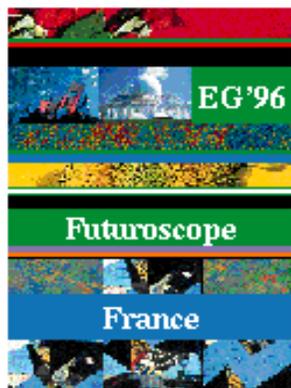


**ACM SIGGRAPH**

American Association  
for Computer Graphics



**Eurographics'95**, The Netherlands



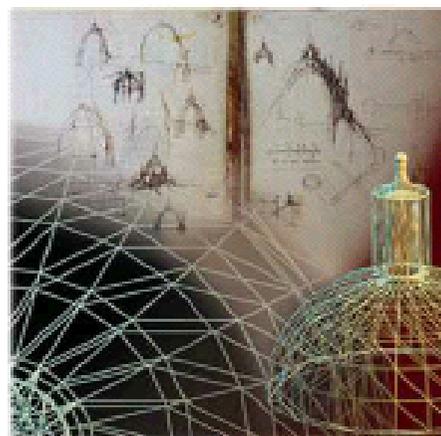
**Eurographics'96**  
Futuroscope, France



**Eurographics'97**  
Budapest, Hungary



&



**20<sup>th</sup> EUROGRAPHICS**



**SIGGRAPH 99**  
August 8-13, 1999,  
in Los Angeles,  
California



**SIGGRAPH 98**  
July 19-24, 1998,  
in Orlando, Florida.



**SIGGRAPH 97**  
August 3-8, 1997,  
in Los Angeles,  
California.



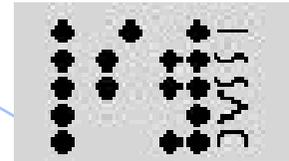
**SIGGRAPH 96**  
August 4 - 9, 1996,  
in New Orleans,  
Louisiana.



# Bibliography: Conferences



**July 23-28, 2000**  
**New Orleans, USA**



**ISSAC'2000, International  
Symposium on Symbolic and  
Algebraic Computation**  
**August 6-9, 2000**  
**St Andrews, Fife, Scotland**



**The Fifth International Conference  
on Mathematical Methods for  
Curves and Surfaces**  
**June 29 - July 4, 2000**  
**Oslo, Norway**



**August 21-25, 2000,**  
**Interlaken, Switzerland**



**AISC'2000**  
**Fifth International Conference  
Artificial Intelligence and  
Symbolic Computation**  
**July 17th-19th, 2000**  
**Madrid, Spain**

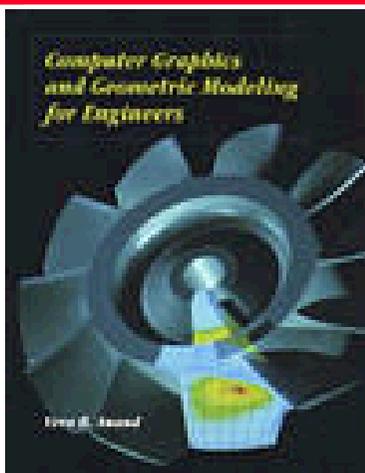


**The Fourth International Conference on  
Computer Graphics and Artificial Intelligence**  
**3 - 4 of May 2000**  
**Limoges, France**

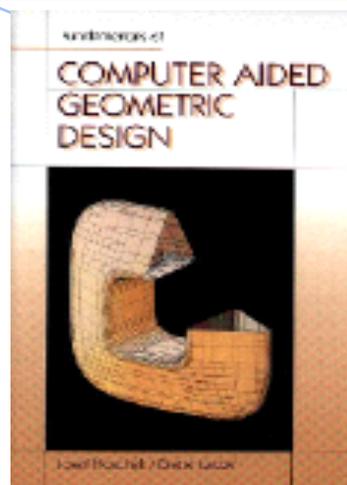




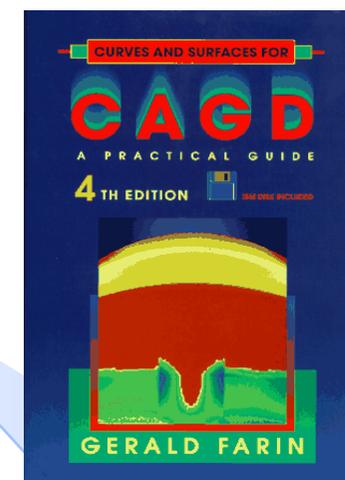
# Bibliography: Books



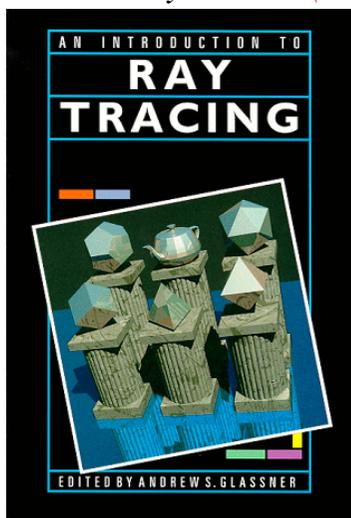
*Vera Anand*  
*Computer Graphics and Geometric Modeling for Engineers*  
John Wiley & Sons (1993)



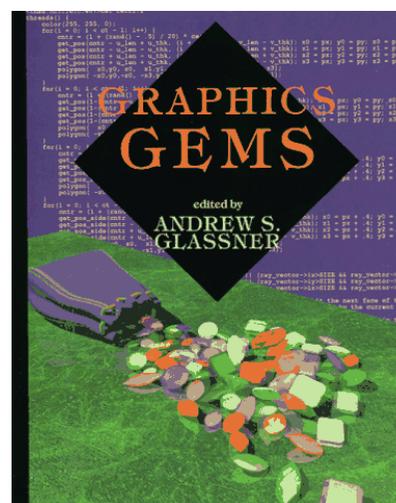
*J. Hoschek & D. Lasser*  
*Computer Aided Geometric Design*  
A. K. Peters (1993)



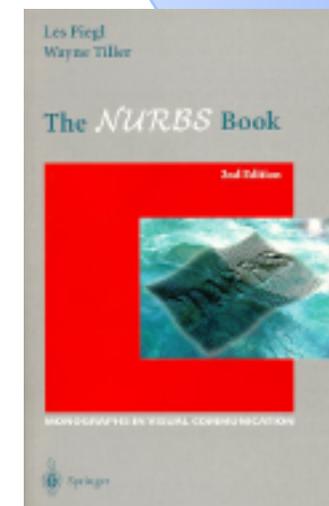
*G. Farin*  
*Curves and Surfaces for CAGD*  
4th ed., Academic Press (1996)



*A. Glassner*  
*An Introduction to Ray Tracing*  
Academic Press (1989)



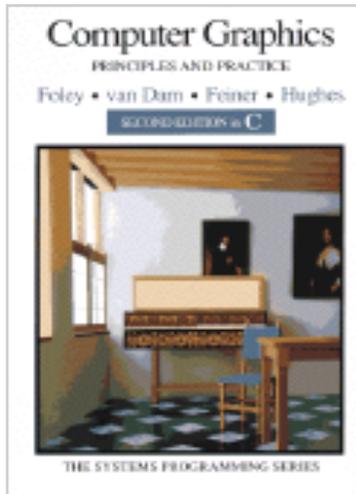
*A. Glassner*  
*Graphics Gems*  
Academic Press (1990)



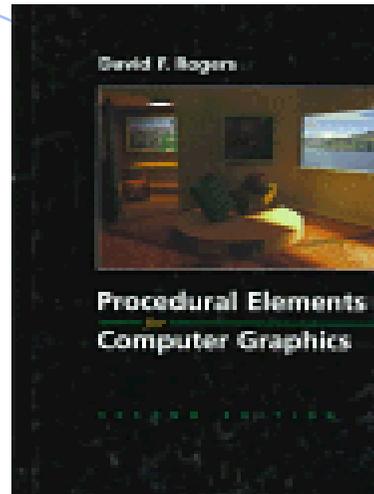
*L. Piegl & W. Tiller*  
*The NURBS Book*  
2nd. ed., Springer (1997)



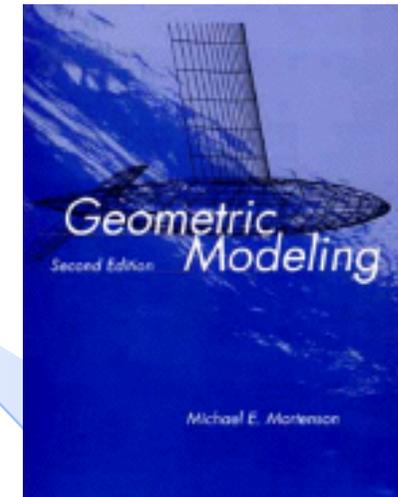
# Bibliography: Books



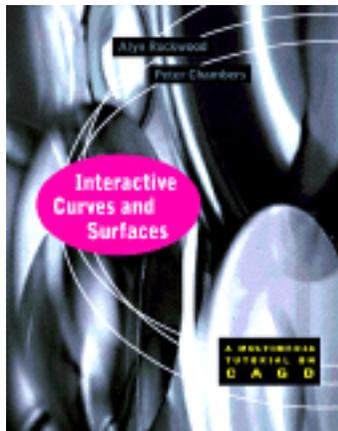
*J. Foley, A. van Dam, S. Feiner & J. Hughes  
Computer Graphics: Principles and Practice, Second Edition in C  
Addison-Wesley, 2nd. ed. (1999)*



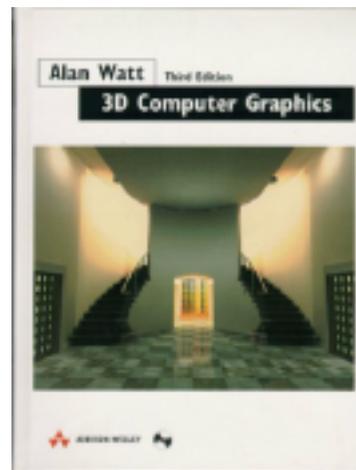
*D. F. Rogers  
Procedural Elements for Computer Graphics  
McGraw-Hill, 2nd. ed. (1999)*



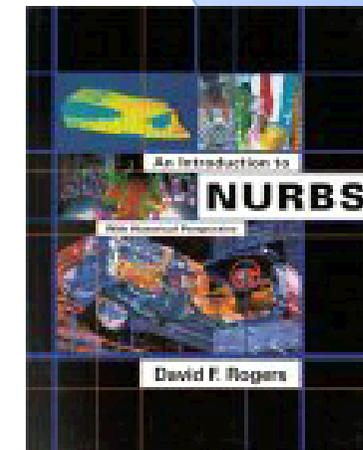
*M.E. Mortenson  
Geometric Modeling  
John Wiley & Sons, 2nd. ed. (1997)*



*A. Rockwood & P. Chambers  
Interactive Curves and Surfaces:  
A Multimedia Tutorial on Cagd  
Morgan Kaufmann Publ. (1996)*



*A. Watt  
3D Computer Graphics  
Addison-Wesley, 3rd. ed. (2000)*



*D. F. Rogers  
An Introduction to NURBS:  
With Historical Perspective  
Morgan Kaufmann Publ. (2000)*



# Other Resources

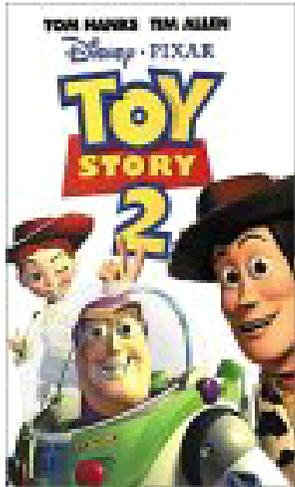


*Visual Proceedings*

*Slide Sets*



*Freeware on the Web*



*Films*

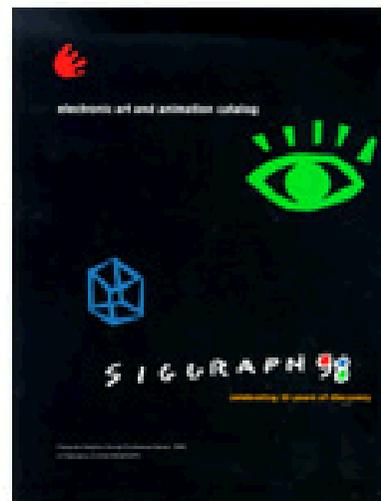


**VRML**

*Videotapes*



*Course Notes*



**POV-Ray**



**Open-GL**