

GLOBO

Luiz Velho
IMPA

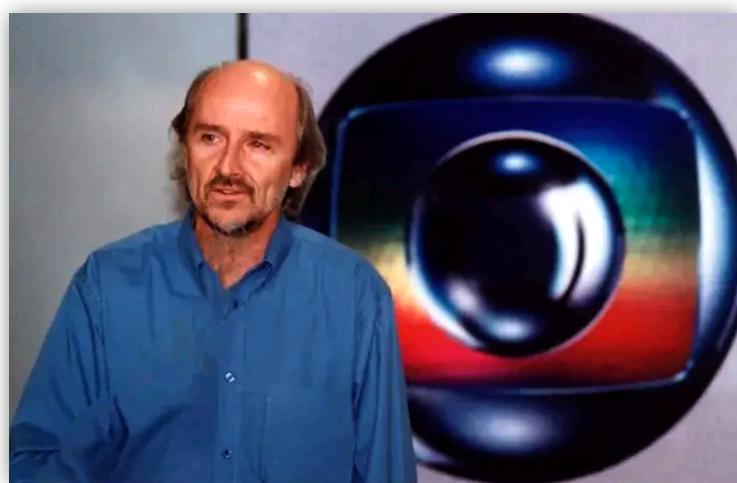
Timeline

- TV Globo
- NYIT
- PDI
- GLOBOGRAPH
- IMPA

TV Globo

Hans Donner

- The Wizard of CGI ?



Plim-Plim !



Globo TV Logo

- In the back of a Napkin



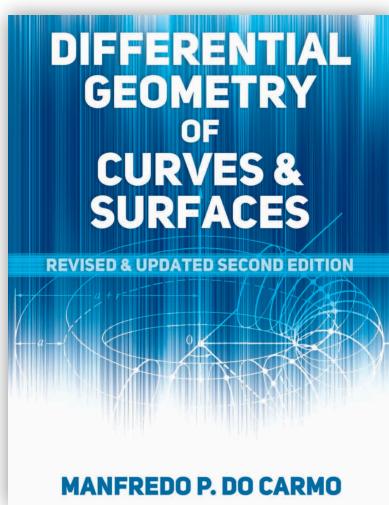
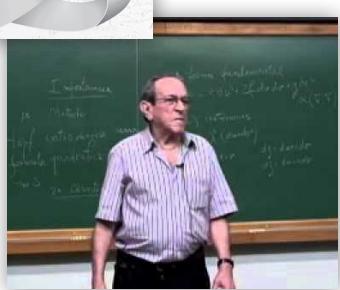
A Revelation

- Strange Connections



The Book

- O pai da Geometria Diferencial no Brasil



Manfredo do Carmo
(1928-2018)

NYIT

Back to Ground Zero

- The First CGI

1981-1983



DESIGNER: Hans Donner

TYPGRAPHY: None

LAUNCHED: April 1981

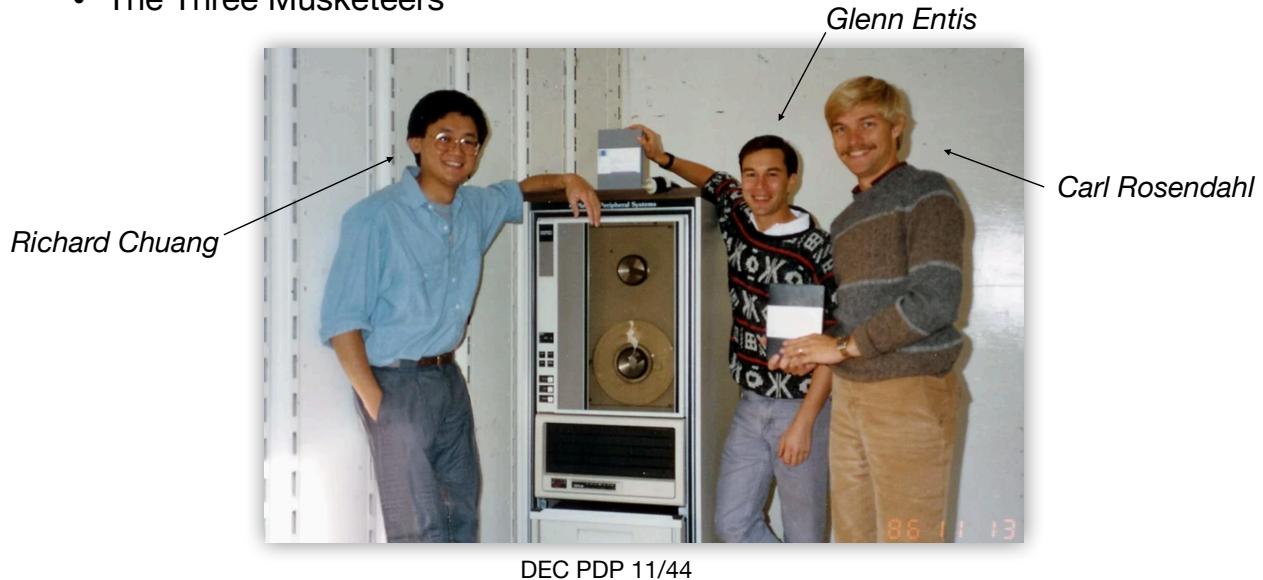
In April 1981, the Globo logo was given a 3D metal texture. The idents shown during the period were animated by the Computer Graphics Lab at NYIT

PDI



Founding Kids

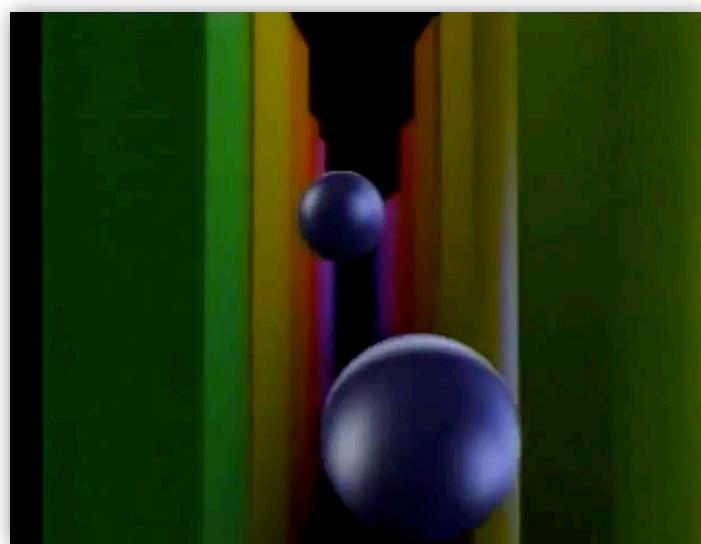
- The Three Musketeers



DEC PDP 11/44

PDI Historical Compilation

- 10th Anniversary Demo Reel



GLOBOGRAPH

Rua J. Carlos, 101

- Globo Computer Graphics Headquarters



Kool & the Gang

- Group Photo



The Hardware

- VAX 11 / 750



The Designers

- Has Donner and Ruth Reis



Master Animator

- Robertinho Shimose



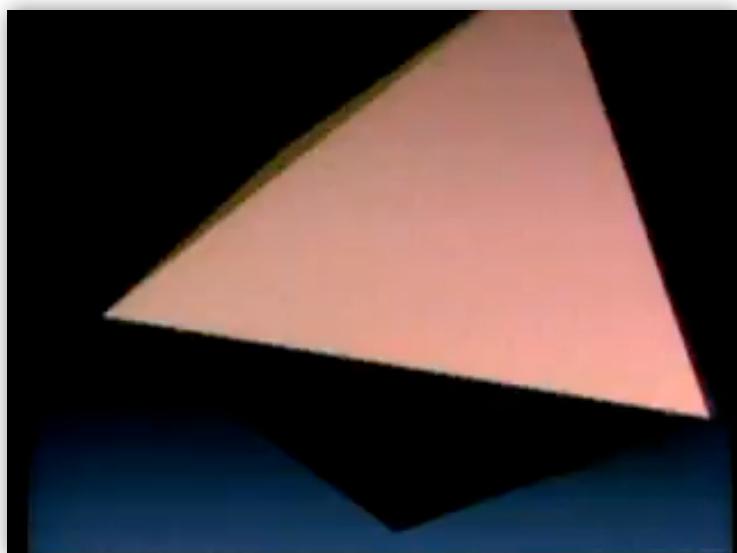
Jornal Nacional

- Abertura Jornal Nacional - Rede Globo (1989)



É Fantastico !

- SIGGRAPH Electronic Theater (1983)



R&D @ Globo

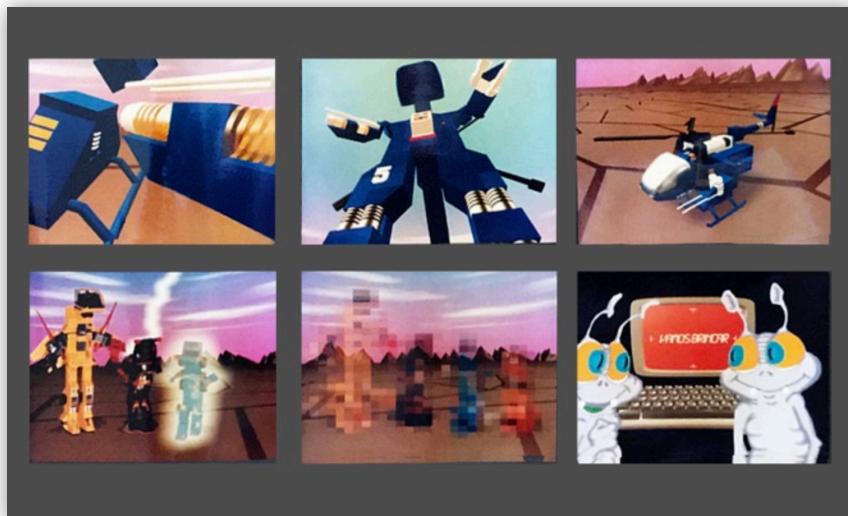
Metaball

- Animated Blobs



VFX / Animation

- Roblock



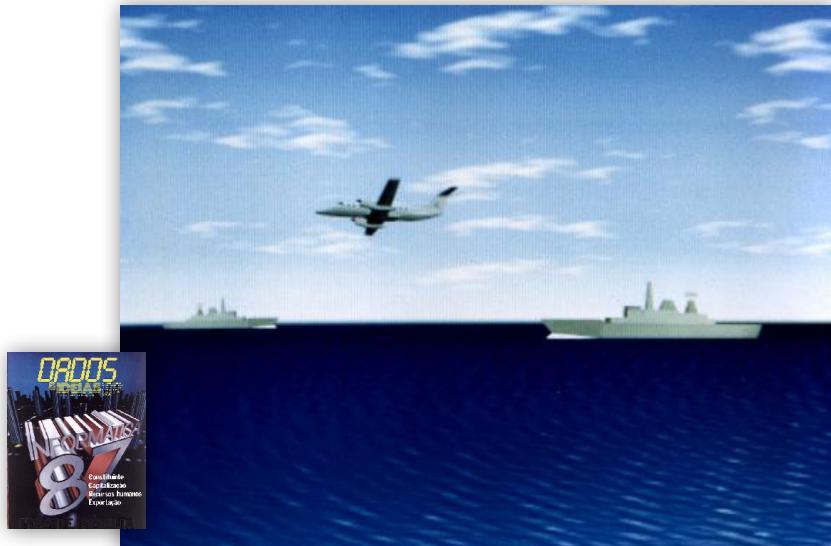
Ray Tracing / Texturing

- Picture Perfect



Visual Simulation

- Brazilian Navy Periscope Simulator



Great Collaborators

- With my dear friend Lance Williams at SIGGRAPH 2016



IMPA

Estrada Dona Castorina, 110

- Computational Applied Mathematics for New Media



The Lab

- Visual Computing



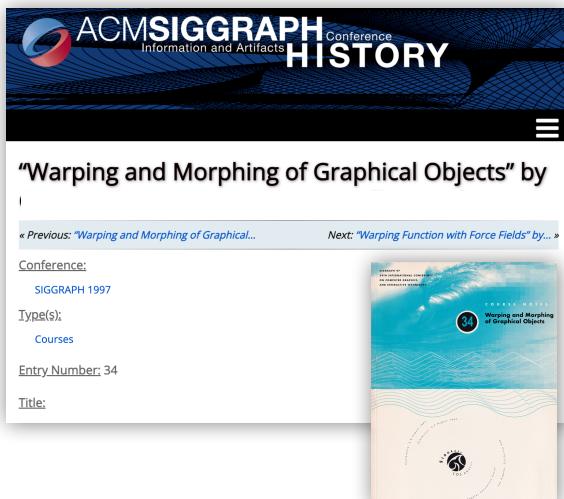
Early Years

- Globo Ciência (2011)



A Bit of History

- SIGGRAPH Tutorial Course (1997)



Presenter(s)

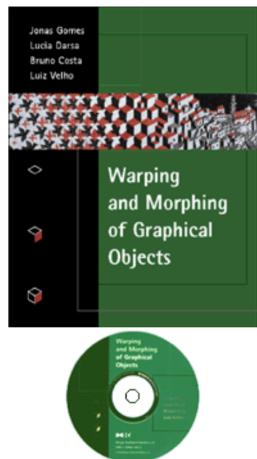
Jonas Gomes (IMPA)
John Andrew Berton Jr. (ILM)
Bruno Costa (IMPA)
Lucia Darsa (IMPA)
Luiz Velho (IMPA)
Thaddeus Beier (PDI)

The Clip

- Michael Jackson's *Black or White* morphing sequence



The Book



Warping and Morphing of Graphical Objects

[Jonas Gomes](#)
[Lucia Darsa](#)
[Bruno Costa](#)
[Luiz Velho](#)

[Morgan Kaufmann Publishers](#)

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“That’s all folks!”