

Curvas e Superfícies Implícitas:

Noções de Geometrias Diferencial e Discreta

Interpolação e Derivação Discreta

Adelailson Peixoto

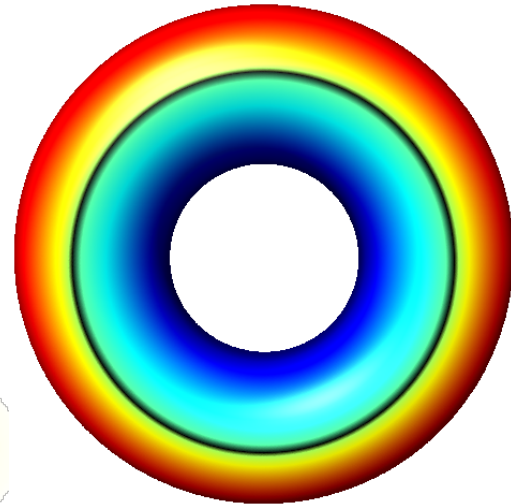
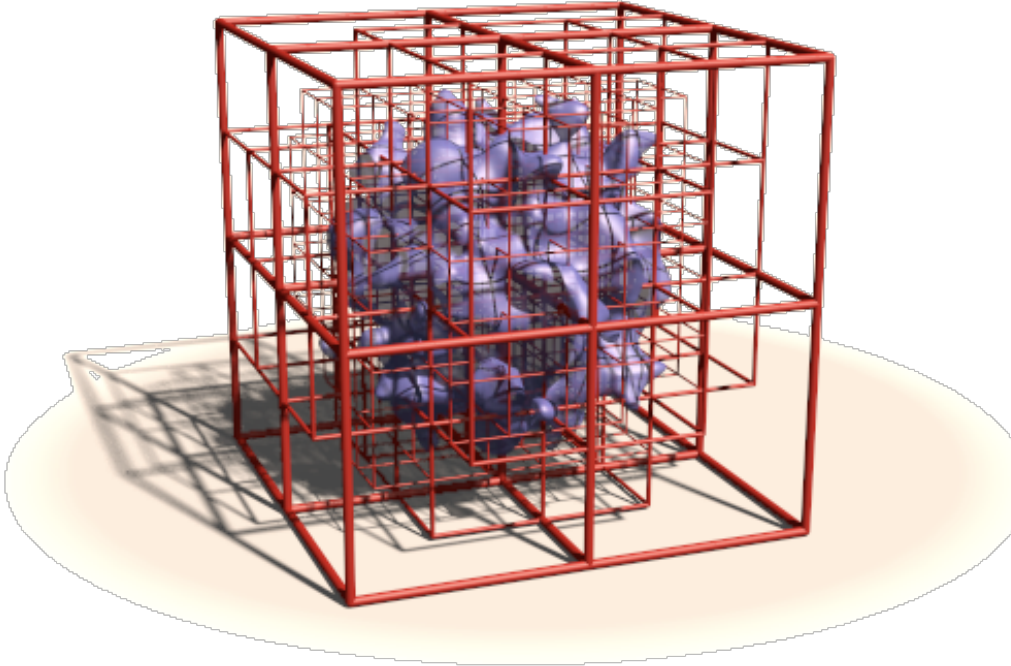
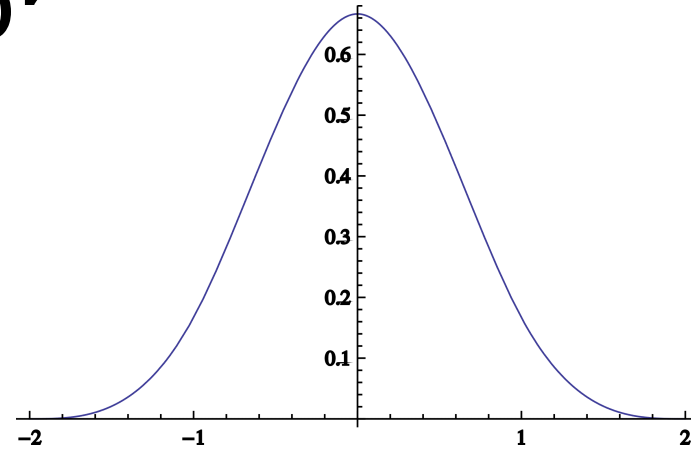
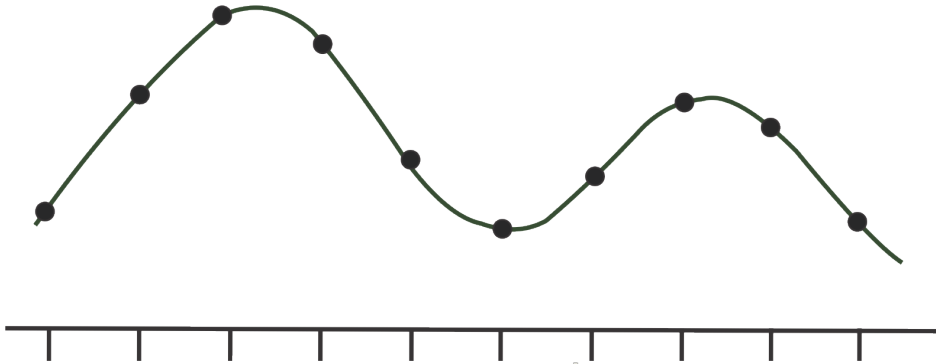
Allyson Cabral

Maria Andrade

Thomas Lewiner

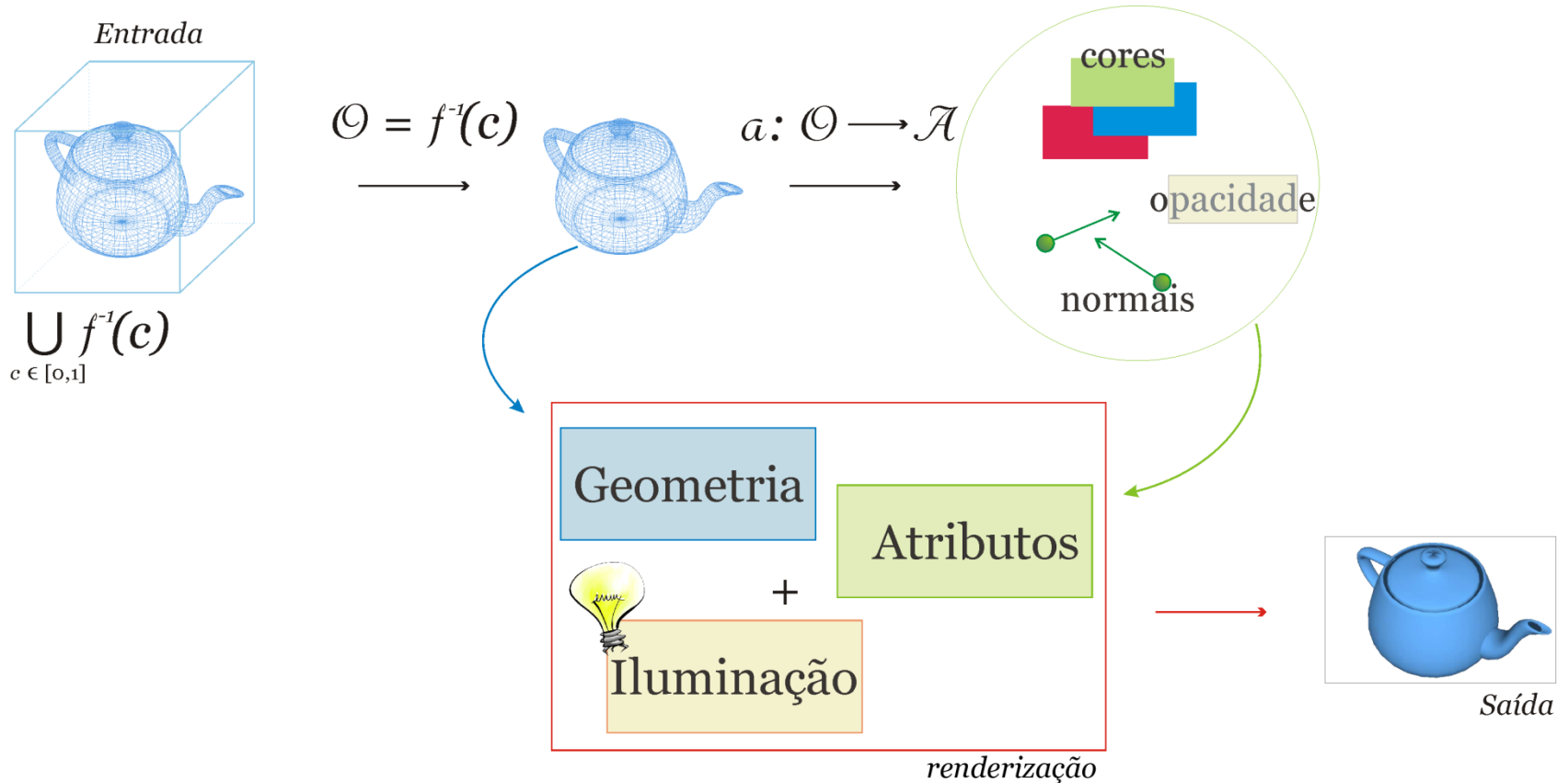
Vinícius Mello

Aula Anterior



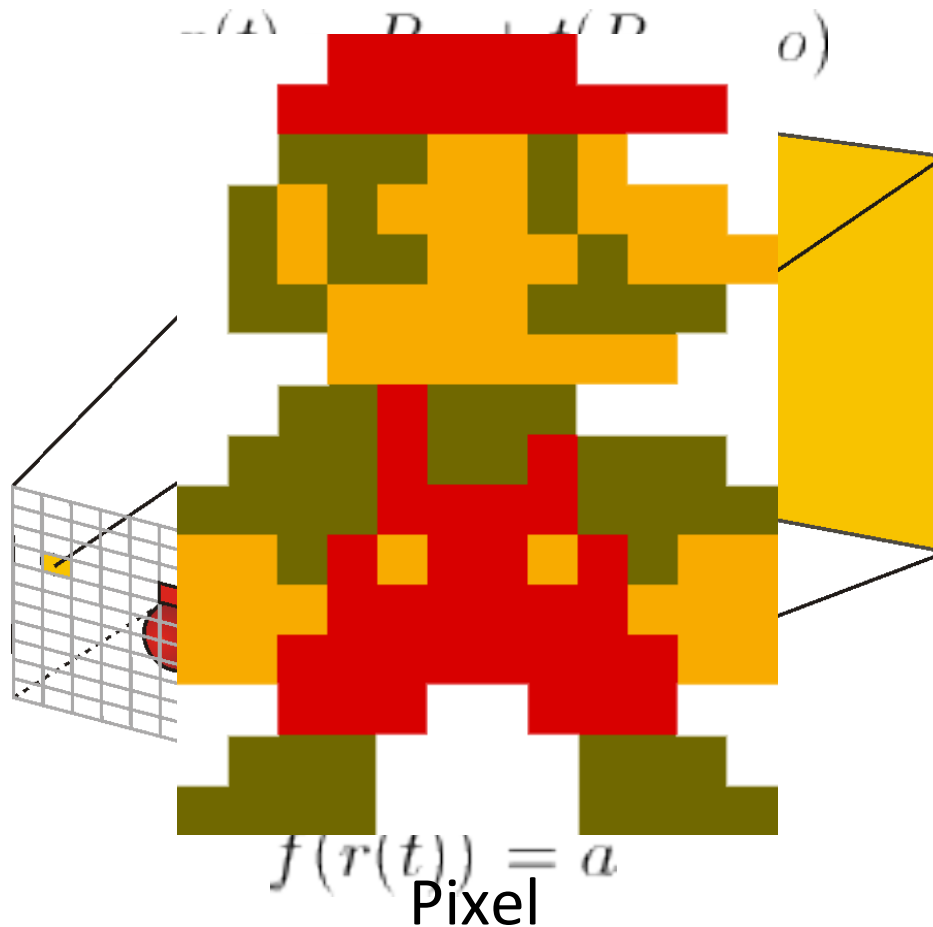
$$K = k_1 \cdot k_2$$

Visualização de Superfícies Implícitas



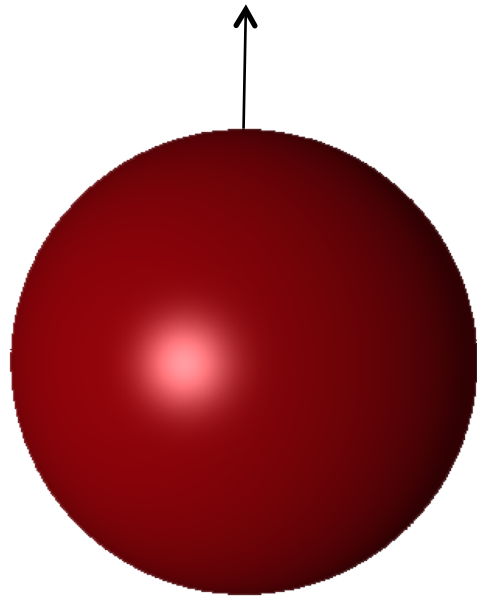
Visualização de Superfícies Implícitas

Lançamento de Raios

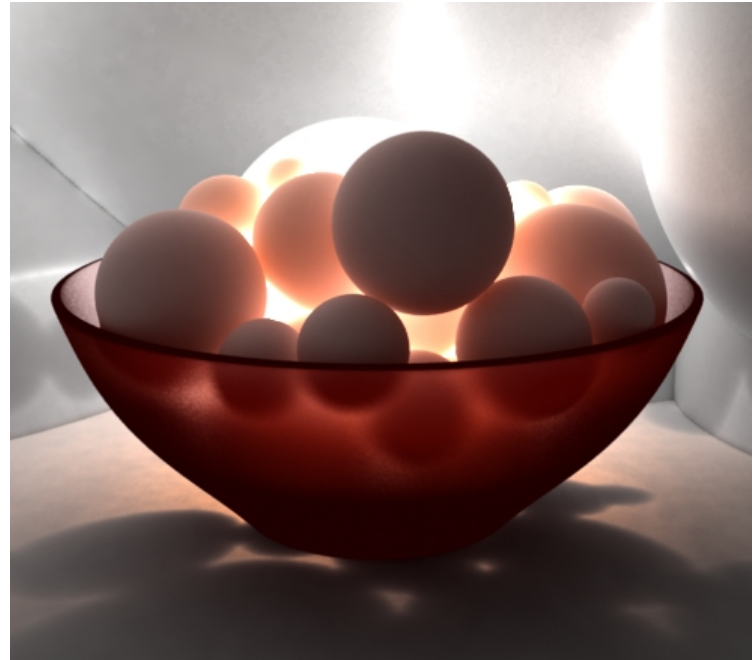


Visualização de Superfícies Implícitas

Iluminação



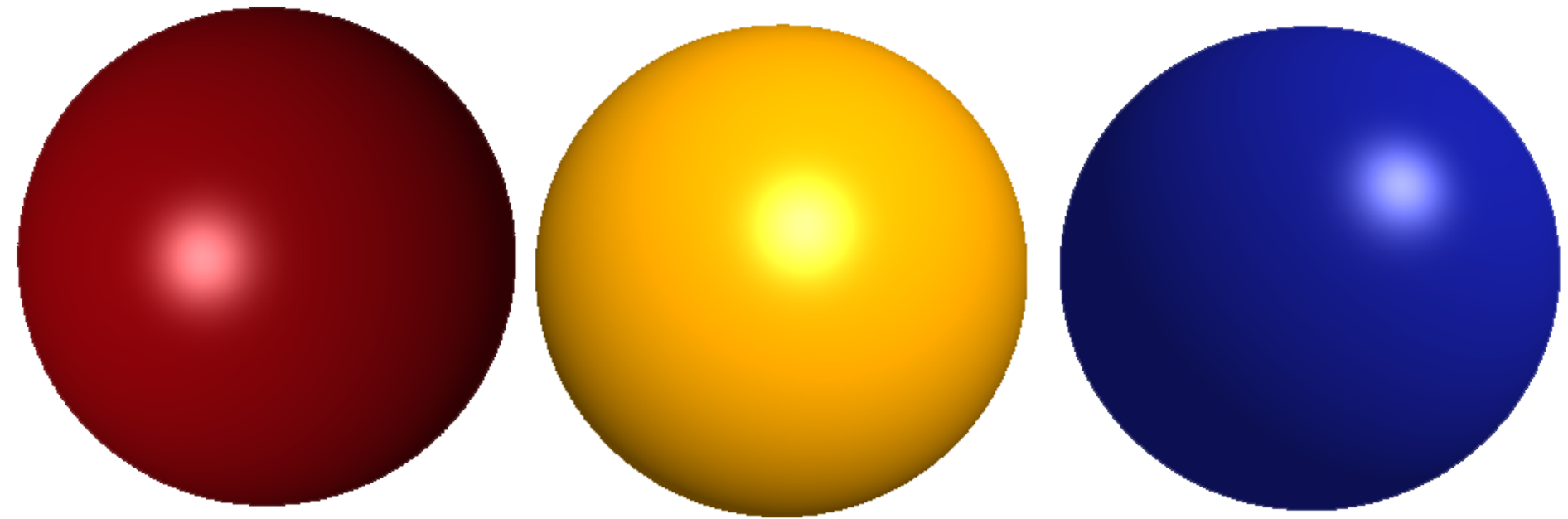
Vetores Normais



Blinn-Phong

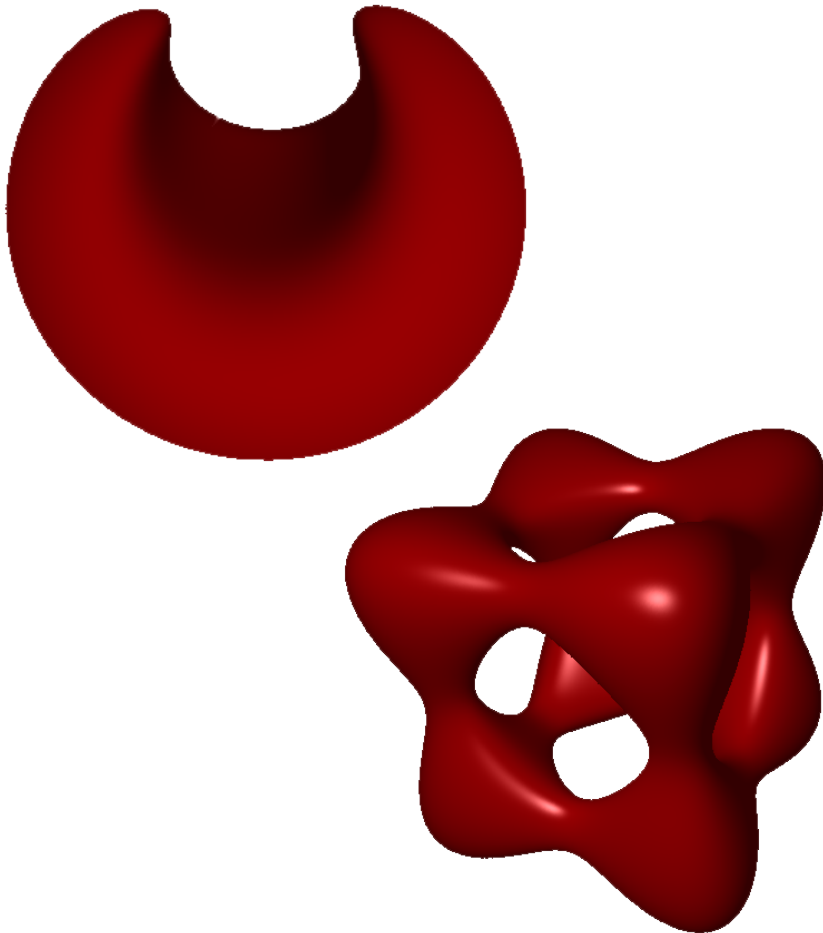
Visualização de Superfícies Implícitas

Lançamento de Raios



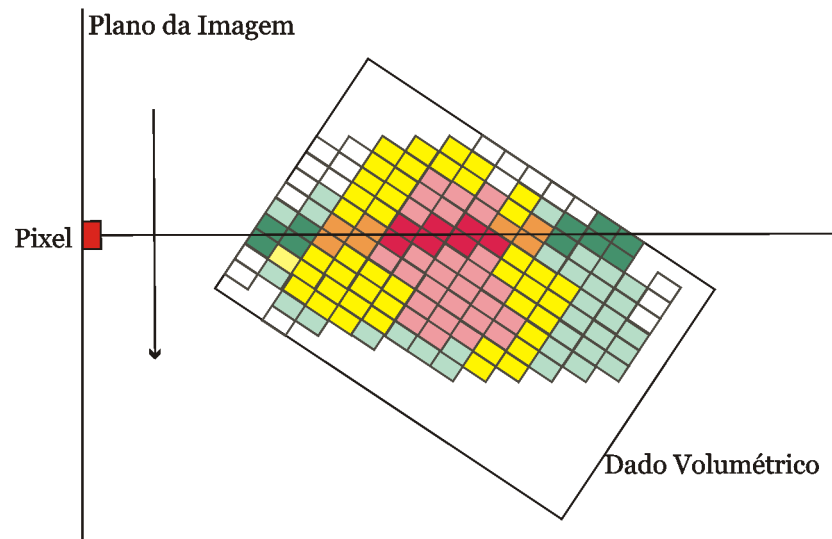
Visualização de Superfícies Implícitas

Lançamento de Raios



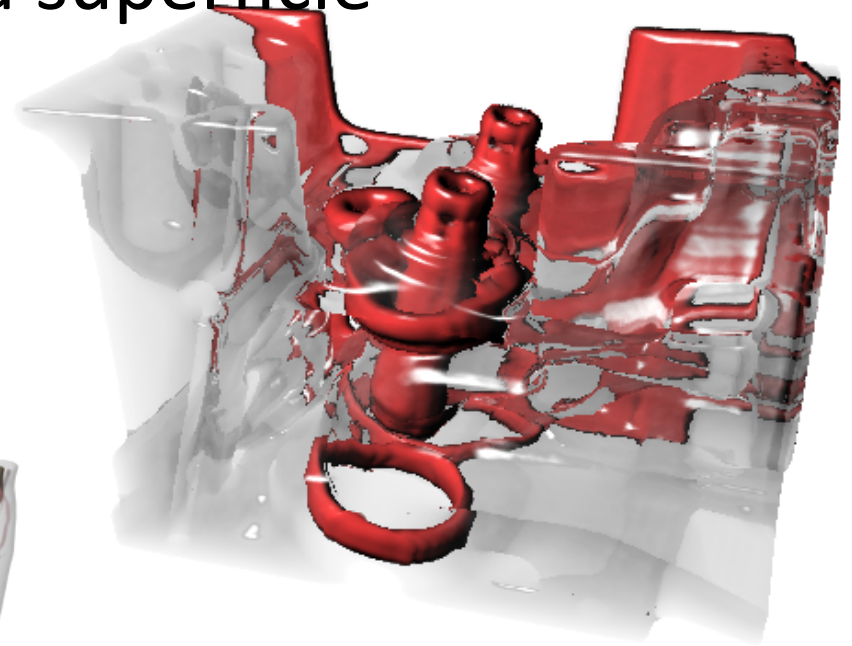
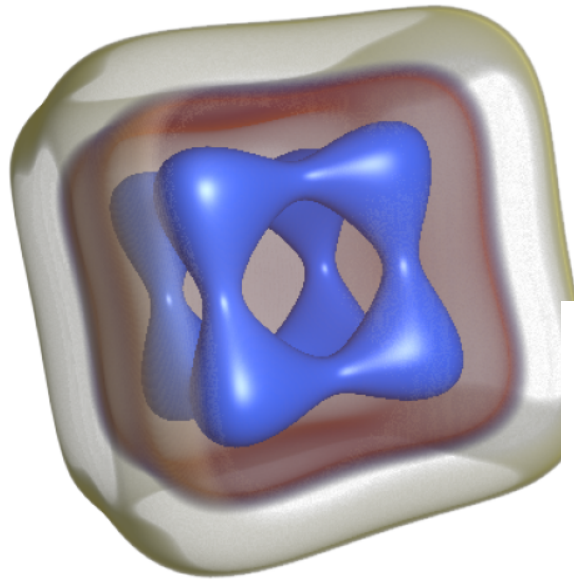
Visualização de Superfícies Implícitas

Lançamento de raios para superfície

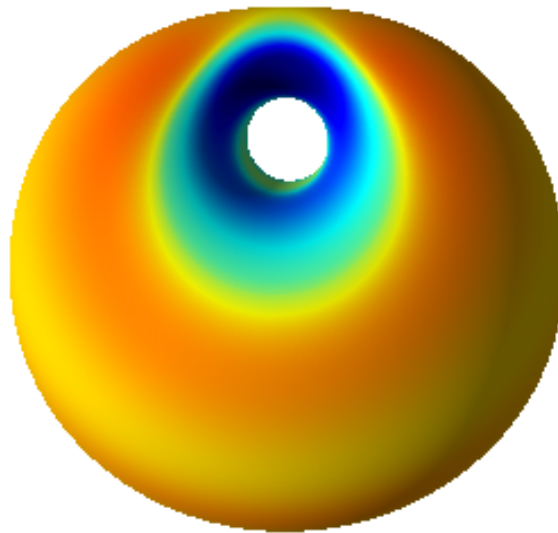


Visualização de Superfícies Implícitas

Lançamento de raios para superfície



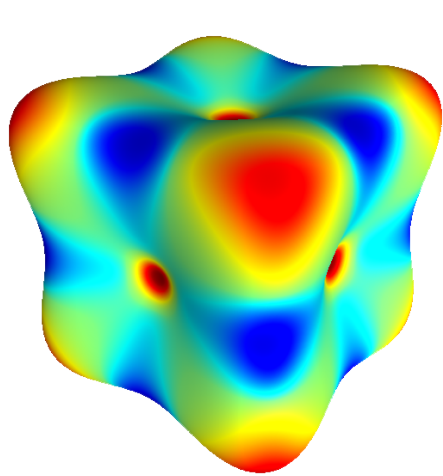
Visualização de Curvatura



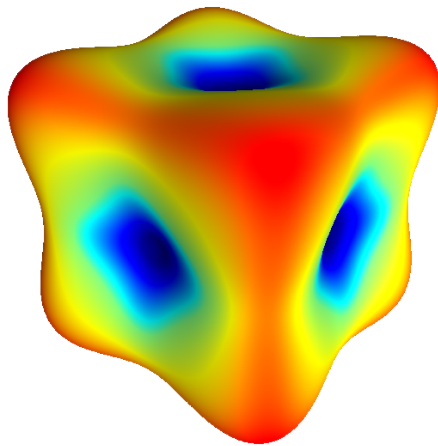
K



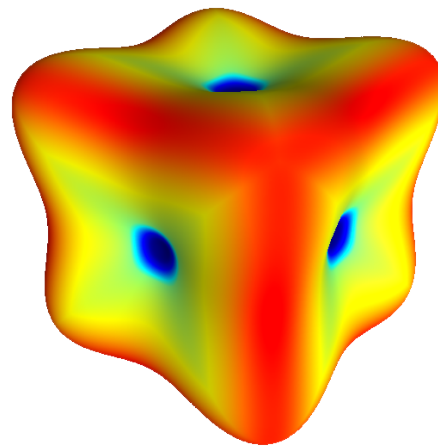
Visualização de Curvatura



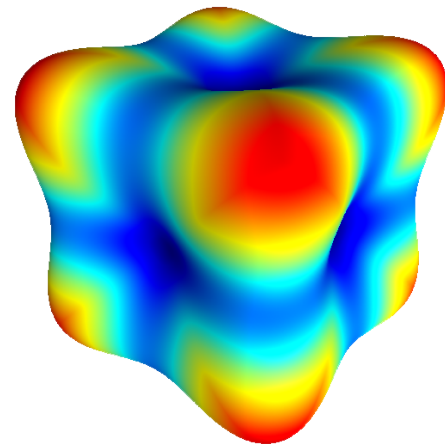
K



H



k_1



k_2

Visualização de Curvas

