情報可視化論

Final task

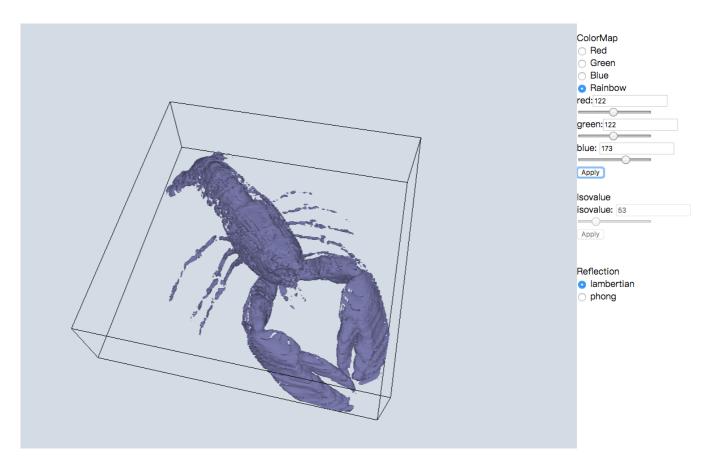提出日： 2019/6/18(火)

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Figure.1 User interface

Function modules:

1. ColorMap: Colors of lobster can be easily changed by clicking red, green, blue buttons. And there are also rgb lists prepared for any other colors you like.

2. Isovalue: when and only when you had chose one color of red, green, blue, you can change the iso value of lobster pictures.

3. Reflection: Here are two reflection models can be switched. They are Lambertian Reflection and Phong Reflection.

4. Rotate: Users can rotate this 3D pictures by stretching their mouse.