



Cécile Piret



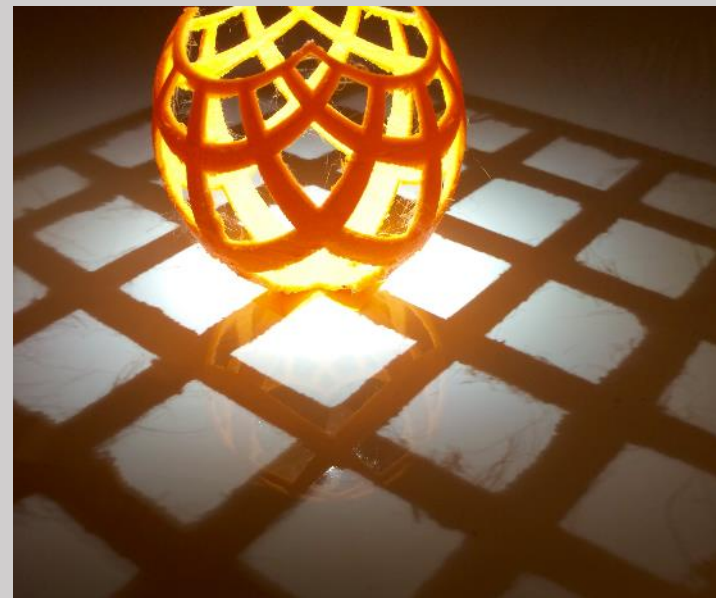
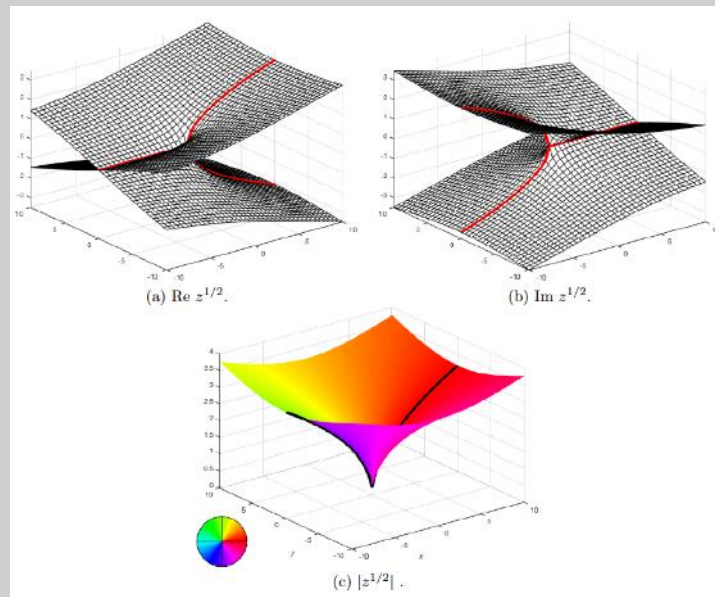
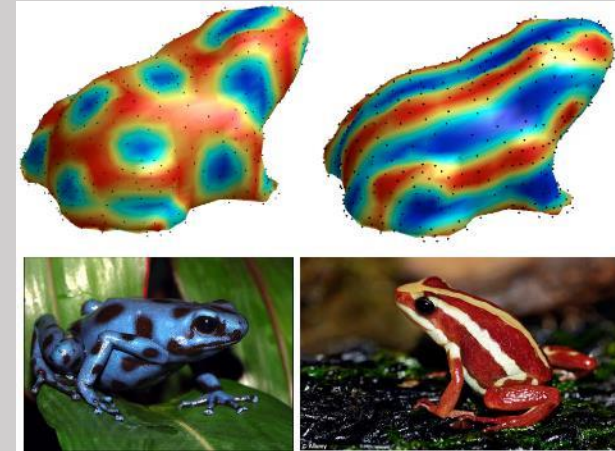
## Areas of research/expertise

Applied and Computational Mathematics

- High-order methods for solving PDEs
- Meshless methods (Radial Basis Functions)

Mathematics Education

- 3D printing to visualise math concepts



## Introducing 3D Printers in Calc 3 (with J. Ellis)

### REF-RS Award (2016-2017)

- Project: Solids of constant width
- Concepts Studied:
  - parametrisation in 3D
  - differentiation/integration in 3D
  - optimisation
- J.Ellis and C.Piret, 3D Printing for Mathematics Education, in progress

