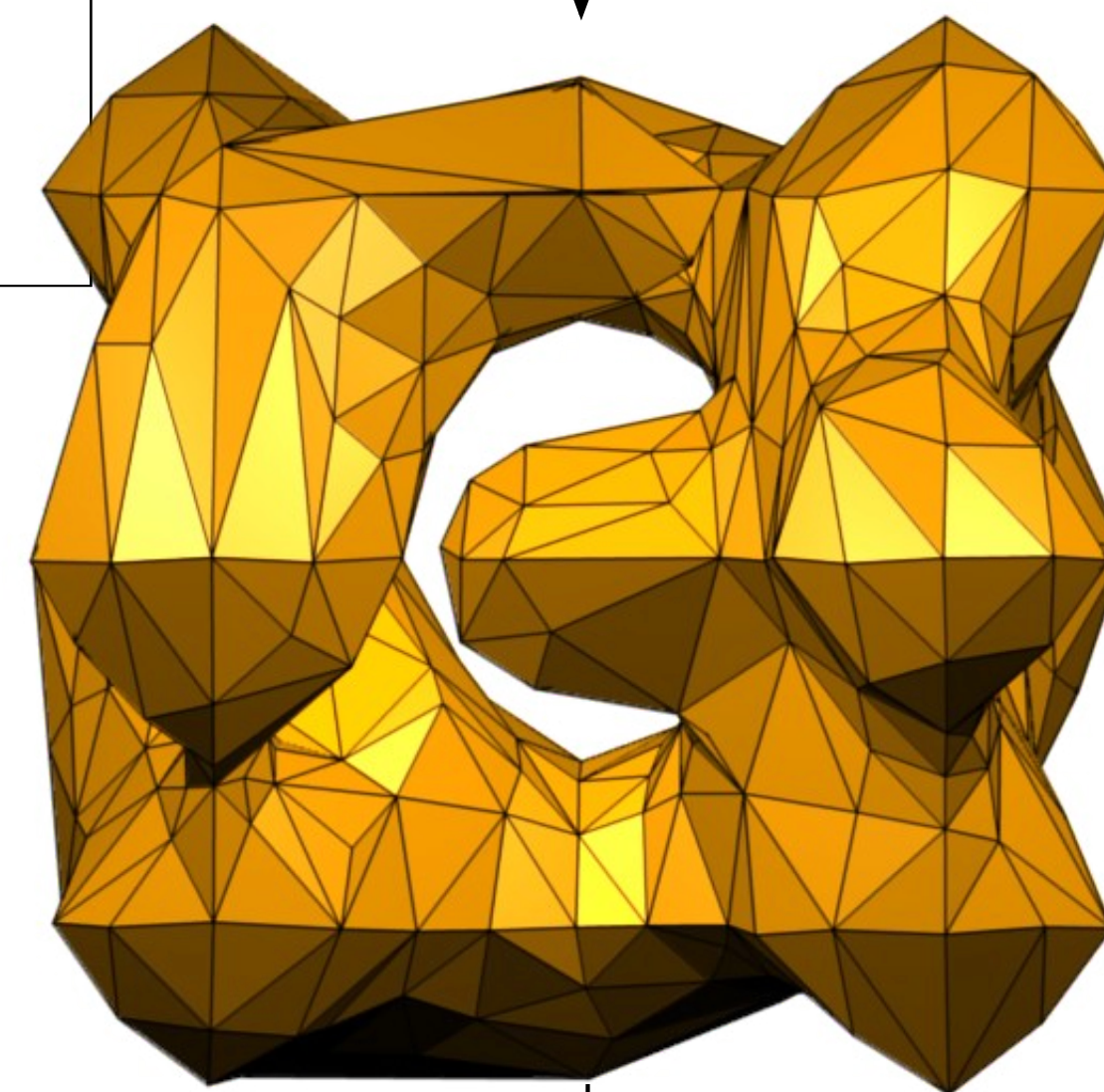
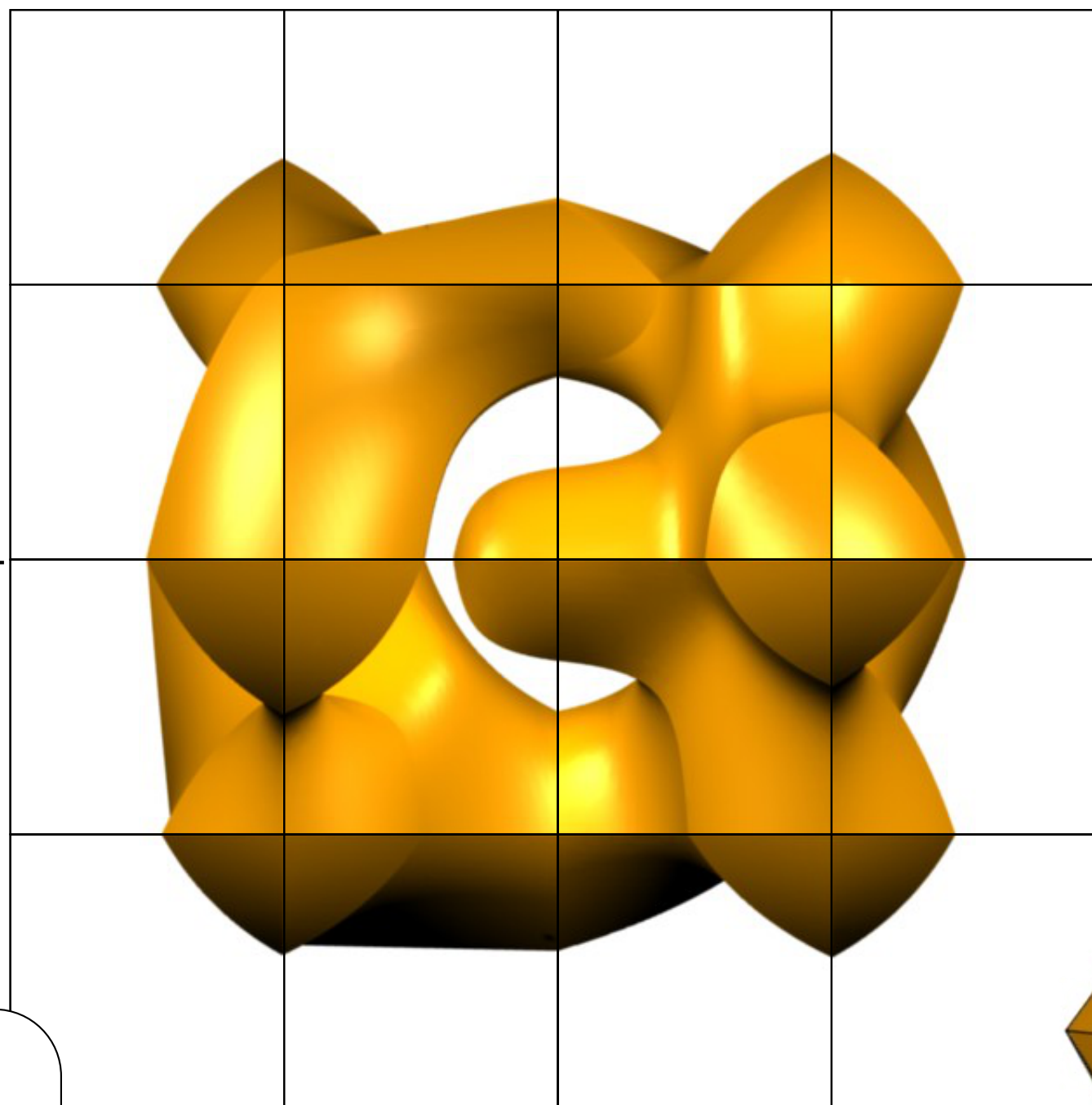


Random trilinear field

Topology
Evaluation

Isosurface
Extraction



Digital Surfaces
&
Stratified Morse Theory
Tools

Compute *expected*
Topological Invariants

$$(\beta_0, \beta_1, \beta_2, \chi)_i^{\text{grid}}$$

Compute mesh
Topological Invariants

$$(\beta_0, \beta_1, \beta_2, \chi)_i^{\text{mesh}}$$

Compare invariants