

SEMI-INTERACTIVE MORPHOGENESIS

Goal

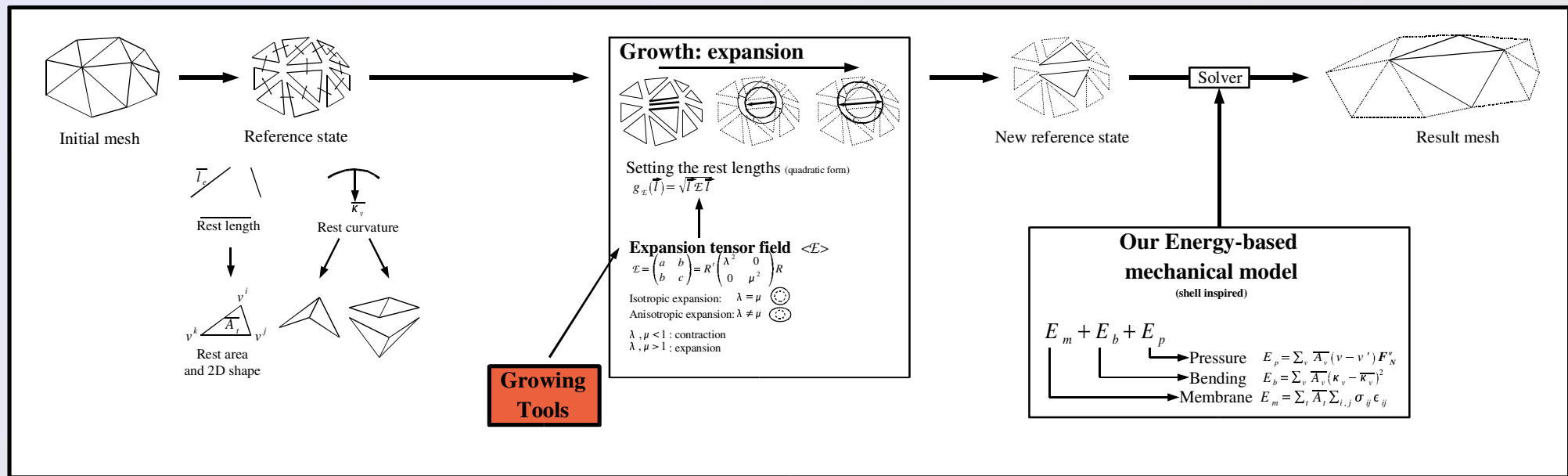
Simulate **growth phenomena**.
 Application to the modeling of complex **organic shapes** and **folded surfaces**.



Approach

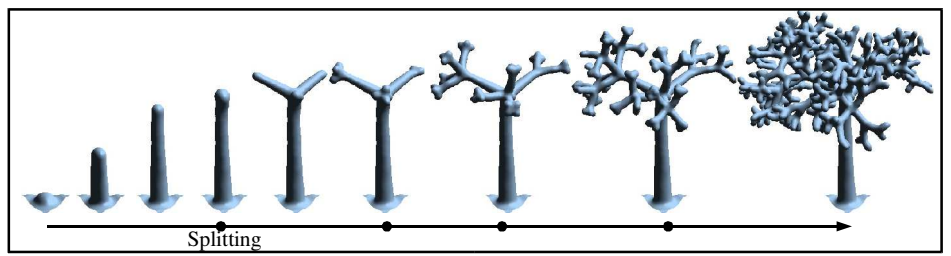
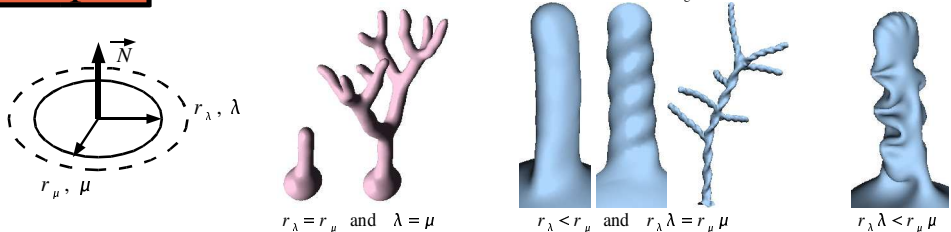
A new modeling system based on a set of **growing tools** and a **mechanical model**.
 Extension of [CN02] with more flexibility and interactive tools.

Our model

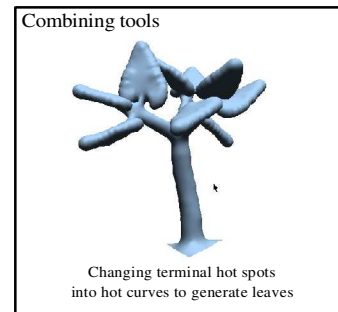
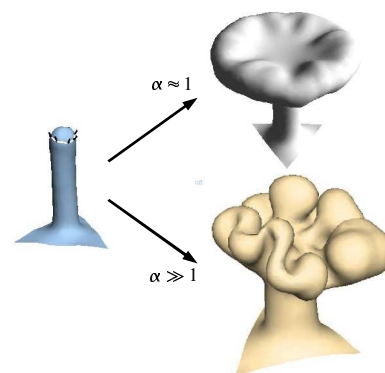
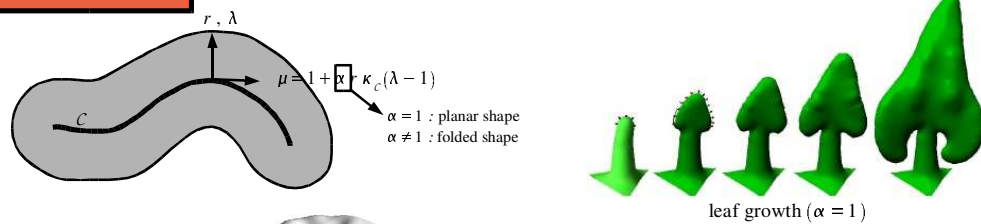


Growing Tools

Hot Spots



Hot Curves



Hot Surfaces

