

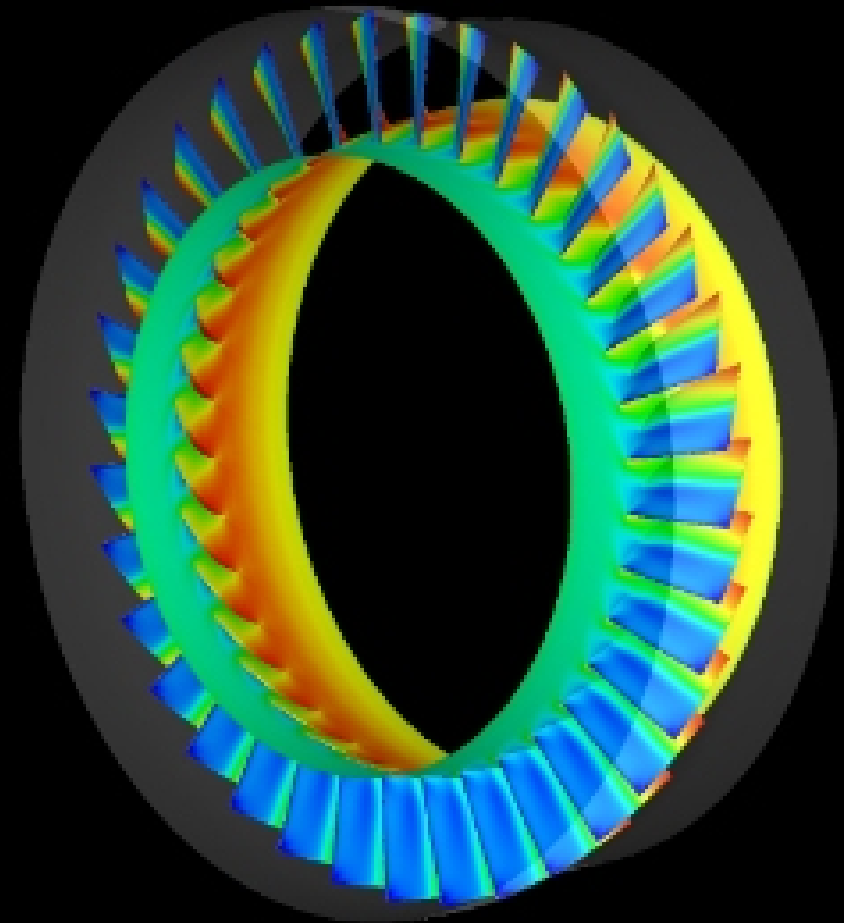
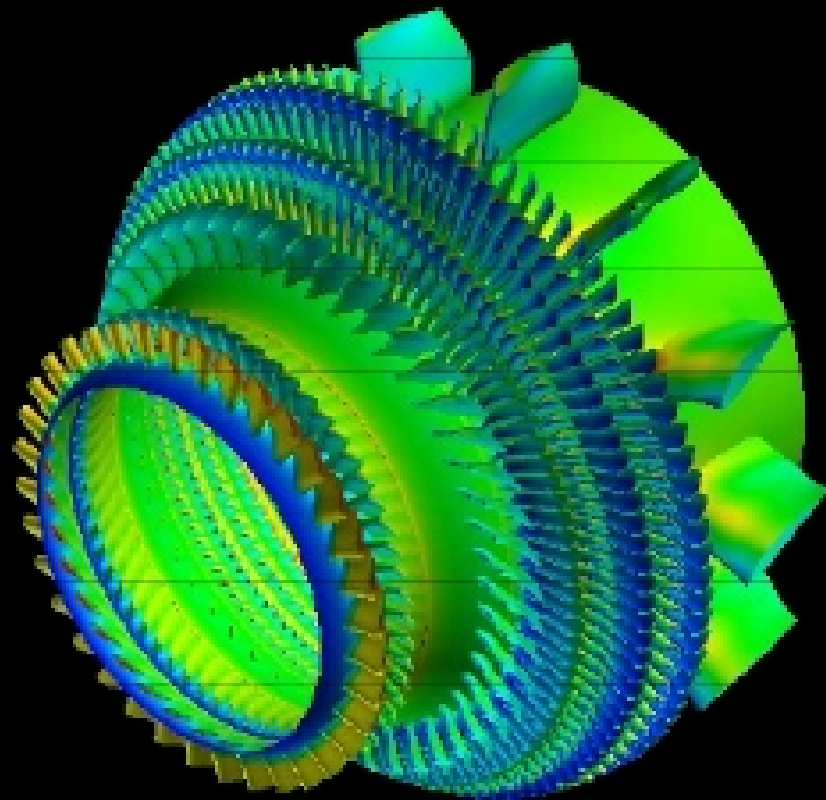
CS 551/851
Big Data in Computer
Graphics
Greg Humphreys

What does “big” mean?

“I cannot define it, but I know it when I see it”
- Justice Potter Stewart

- “Big” is a relative term
- It happens whenever a resource is fully consumed

Big Models



Pratt-Whitney 6000 turbine engine and rotor blade
20 million cell calculation, 500,000 triangle surface
Stanford Center for Integrated Turbulence Simulations