Example: Range Query in Database

Reformulating a general problem as *rendering*

![Range Query Chart]

- e.g., DB query as depth/stencil tests (Govindaraju, 2004)
Applications Beyond Graphics

Molecular Dynamics
Optimization
DNA Sequencing
Physics Simulation
Financial Simulation
....
Any computer algorithms with Massive Data
Conclusion
CG Research

In general,
  Modeling + Rendering + Animation

At SKKU CG Lab
  - Real-Time Rendering
  - Perception-based Visualization
  - High-Performance GPU Computing