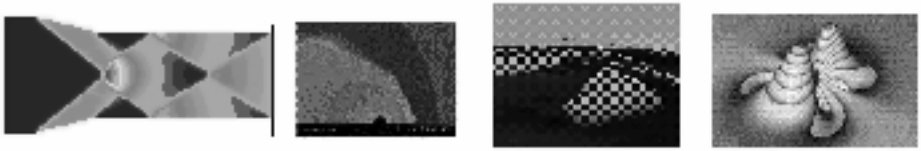
Hierarchy of Software Levels



a) Pure Script (Interpreted)

Numerical Objects in (C++/Fortran/C/Java)

b) Semi-Interpreted a la Applets

Expose the Coarse Grain Parallelism

c) High Level Language but Optimized Compilation

Nodes of Parallel/ Distributed System

Expose All Levels of Memory Hierarchy

d) Machine Optimized RunTime

Memory Levels in High Performance CPU