

# What characterizes a successful design?

- Balance
  - “fast” mode and “slow” mode
  - data motion & computation costs
- There is a simple cartoon for realizing high performance



## What about Cell?

- Unbalanced
  - high streaming capacity for the sparse local memory and off-processor bandwidth
- Needs a simple cartoon
  - Utilizing (external) hybrid modes (DaCS)
  - Vectorization and data motion: low-level, non-standard