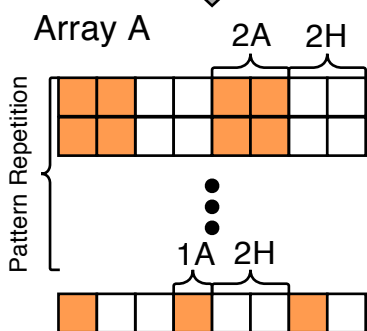
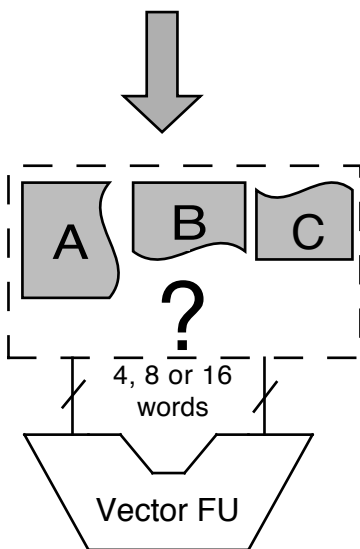


*Application Code with  
irregular memory accesses*



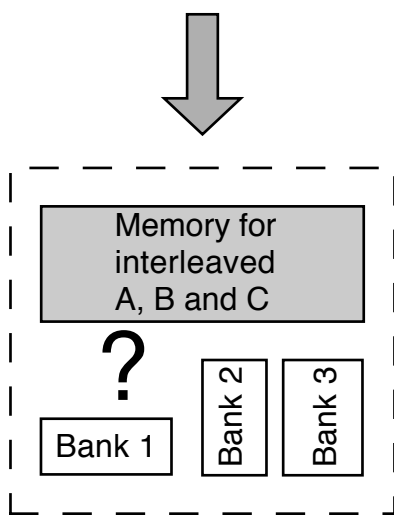
Formal memory models

*Extraction of access scheme  
for each vector*



Defined operations  
between access patterns

*Exploration of interleaving  
options for varying SIMD  
architectures*



Propagation of  
interleaving constrains

*Exploration of data-to-memory  
mapping options for a  
clustered SPM architecture*