Today’s Paper: Other Ways to Optimize Interpretation

1. What two languages do they consider?
   - Java and GForth

2. What is replication?
   - How does it improve performance?
   - Give each instruction its own handler
   - Same number of dispatches, each however is more predictable by HW
     
     iload_0;iload_1;iadd;istore_2  -- Each iteration in loop has same handler order

3. What are super instructions?
   - How do they improve performance?
     - Convert blocks of multiple, straight-line instructions into a single instruction (ie give it a single handler)
       - Reduces the number of dispatches