

# SuperLU\_DIST algorithms flowchart

Nonsymmetric pattern



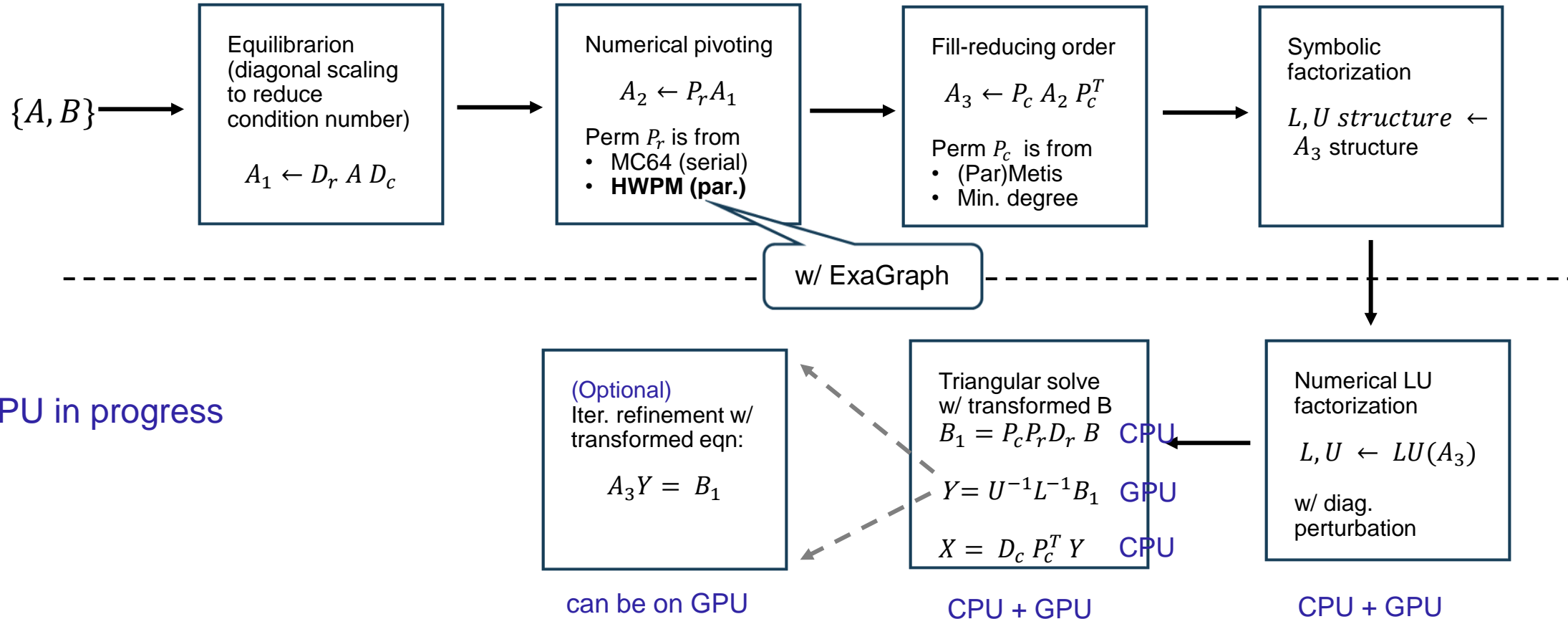
Preprocessing  
mostly on CPU

GPU easy

GPU hard

GPU hard

GPU in progress



Solve the transformed system:  $(P_c P_r D_r A D_c P_c^T)(P_c D_c^{-1} X) = P_c P_r D_r B$