

Figure 1: A schematic description of the V-cycle.

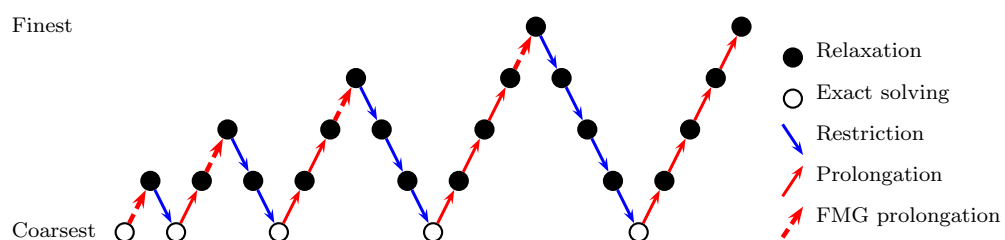


Figure 2: A schematic description of the full multigrid algorithm.

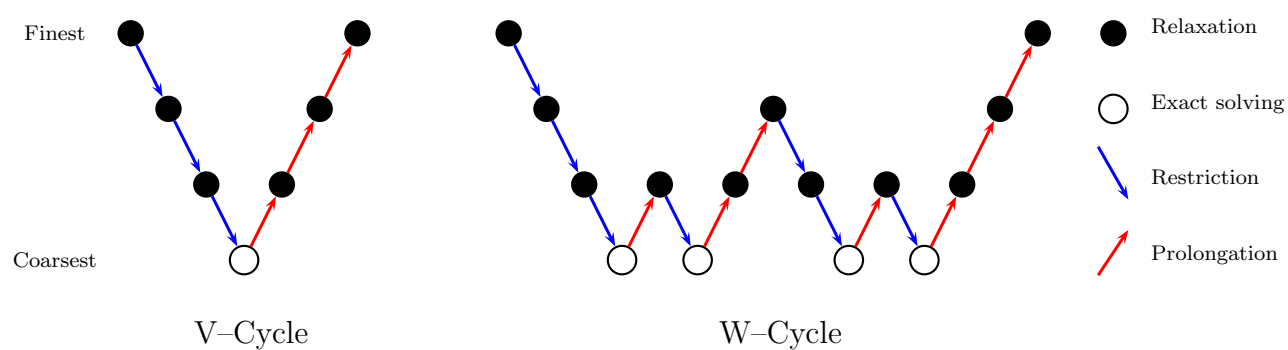
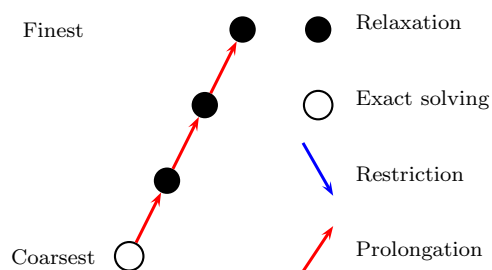


Figure 3: V-cycle and W-cycle



Cascade multigrid
Figure 4: Cascade multigrid method

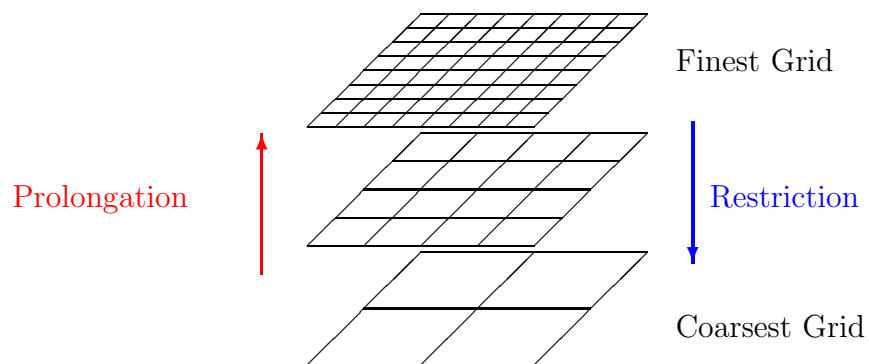


Figure 5: Pictorial demo of multigrid method with three levels of grids.