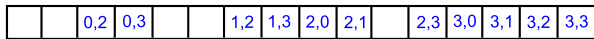
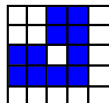


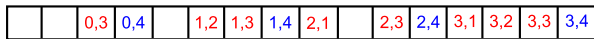
threads \rightarrow



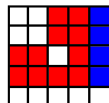
auxiliary buffer B^*



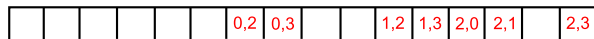
scratchpad buffer



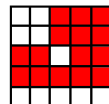
auxiliary buffer B^{\rightarrow}



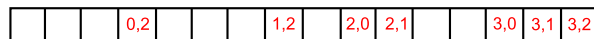
scratchpad buffer



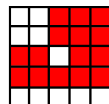
auxiliary buffer B^{\uparrow}



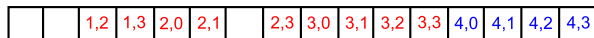
scratchpad buffer



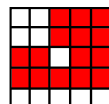
auxiliary buffer B^{\leftarrow}



scratchpad buffer



auxiliary buffer B^{\downarrow}



scratchpad buffer

steps \downarrow