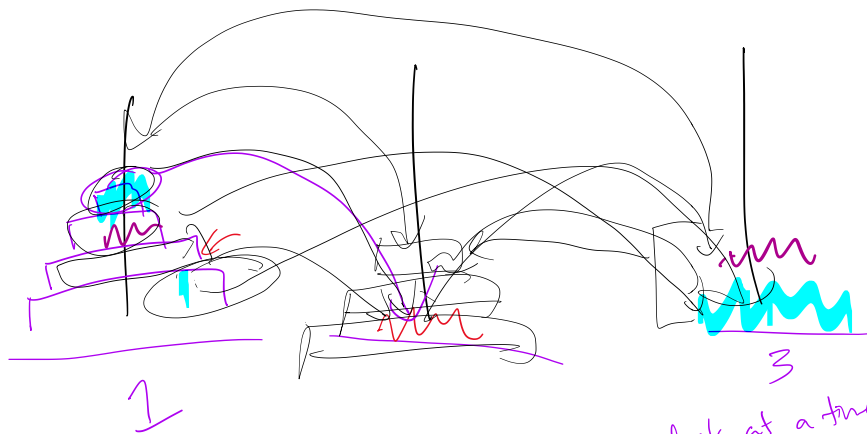


# Lecture 14

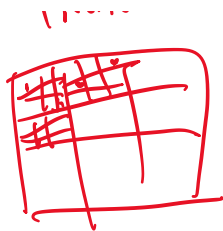
Thursday, October 6, 2022 10:58 AM



1. One disk at a time
2. From top  $\rightarrow$  bottom  
disks are incr. size
3. All disks  $P1 \rightarrow P3$

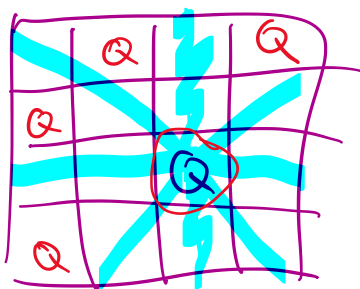
initial  $\rightarrow$  goal

1.  $\rightarrow$  new FAIL  
2.  $\rightarrow$  new FAIL  
3.  $\rightarrow$  new FAIL



```

rbs(state)
if (state is goal)
    return state
for x in possible next steps
    newstate = state.apply(x)
    if !rbs(newstate) != FAIL
        return r
return FAIL
    
```



nxn board  
place n-queens