

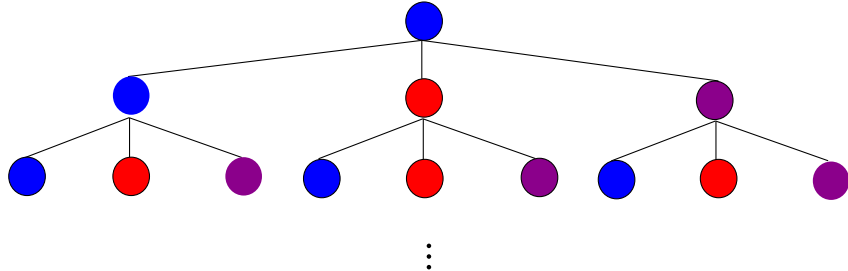
 Sticking
 Sliding up
 Sliding down



$$n = 0$$

$$n = 1$$

$$n = 2$$



$$n = N$$