Notation

- In all timelines shown in these slides, assume that the timeline at the top is for process p_1, the next timeline is for process p_2, and the last timeline is for process p_3

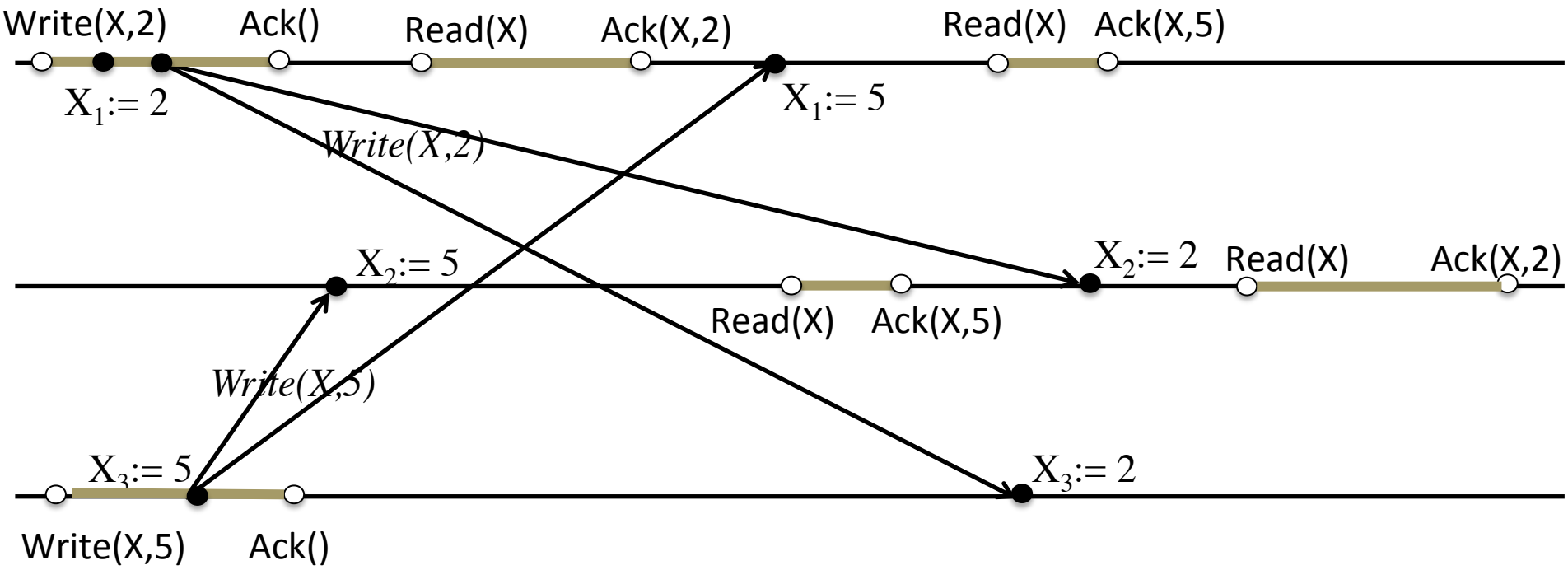

Figure 1: Algorithm 1

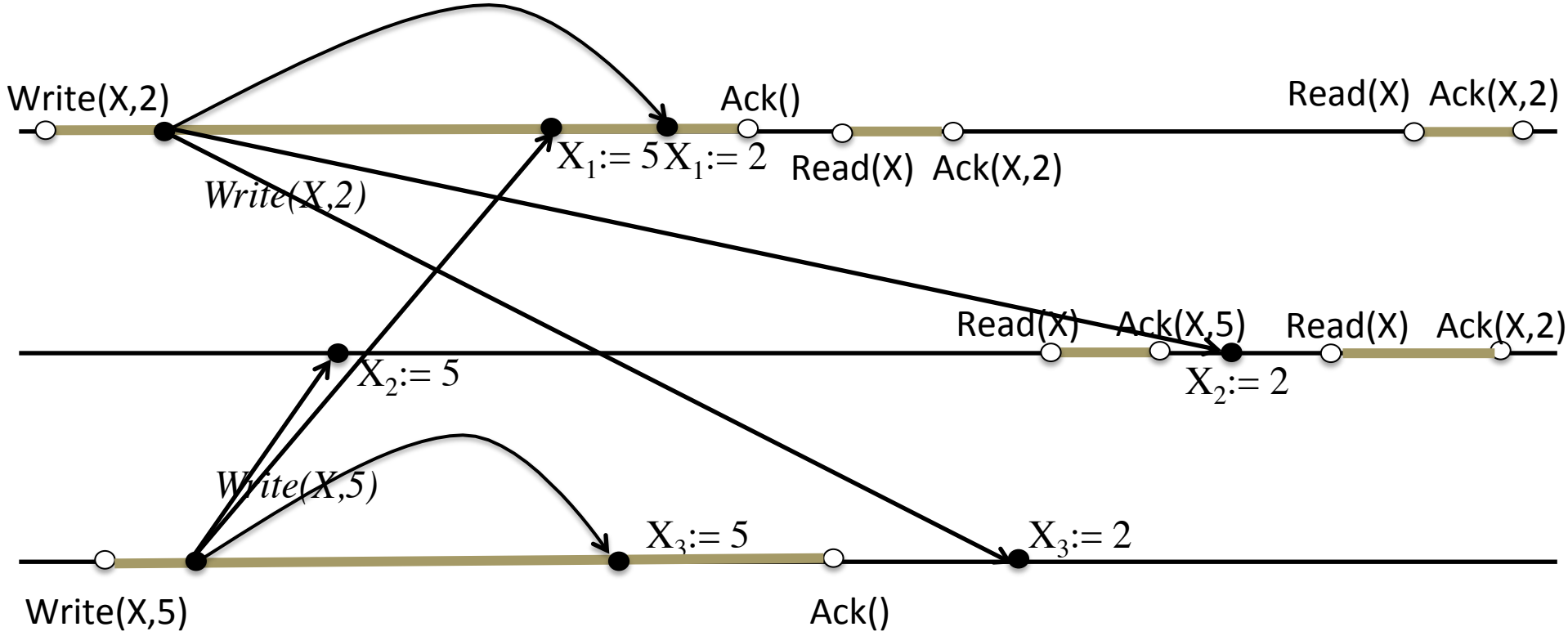

Figure 2: Algorithm 2

The figure shows the time at which the totally-ordered multicast messages are *delivered*

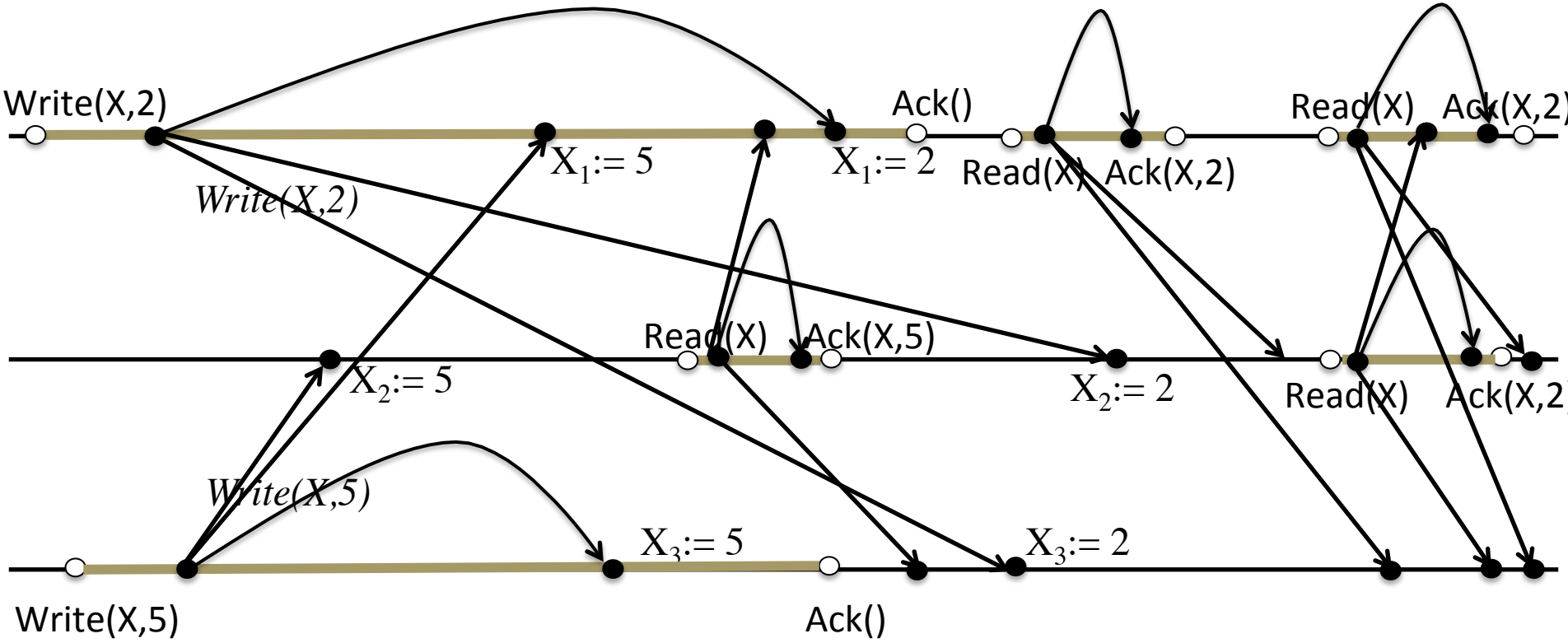

Figure 3: Algorithm 3

The figure shows the time at which the totally-ordered multicast messages are *delivered*

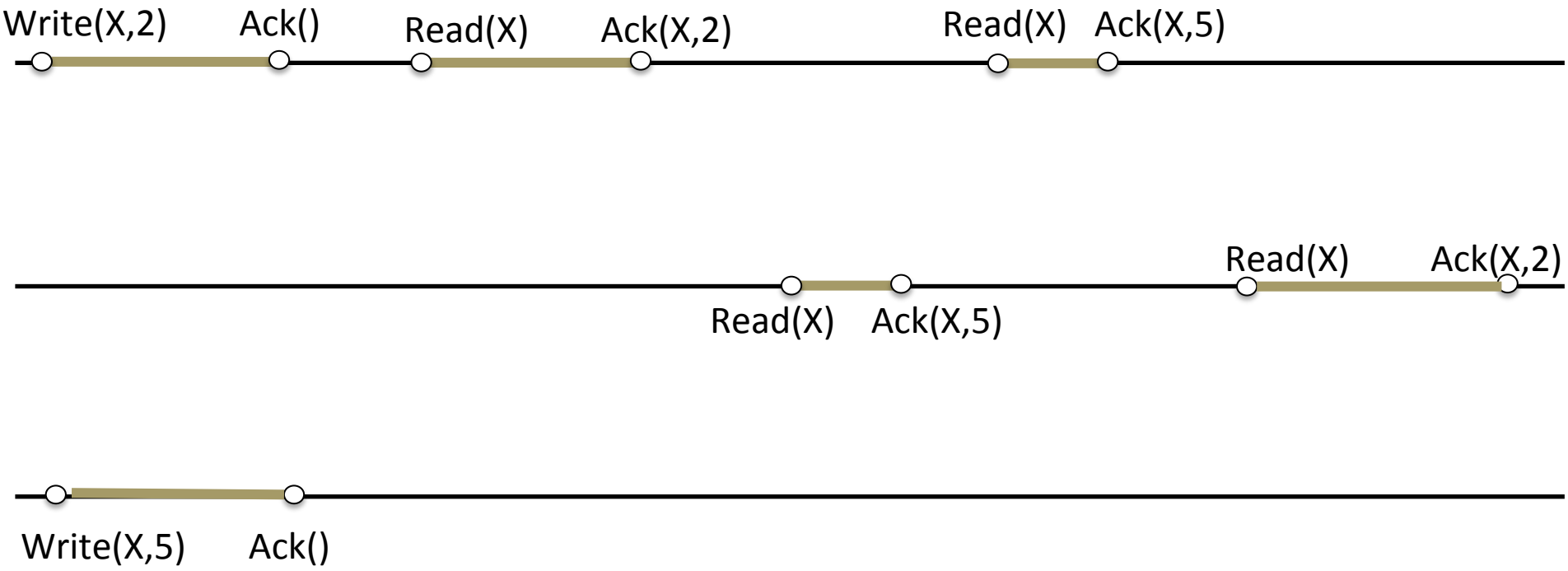

Figure 4: Redrawn Figure 1

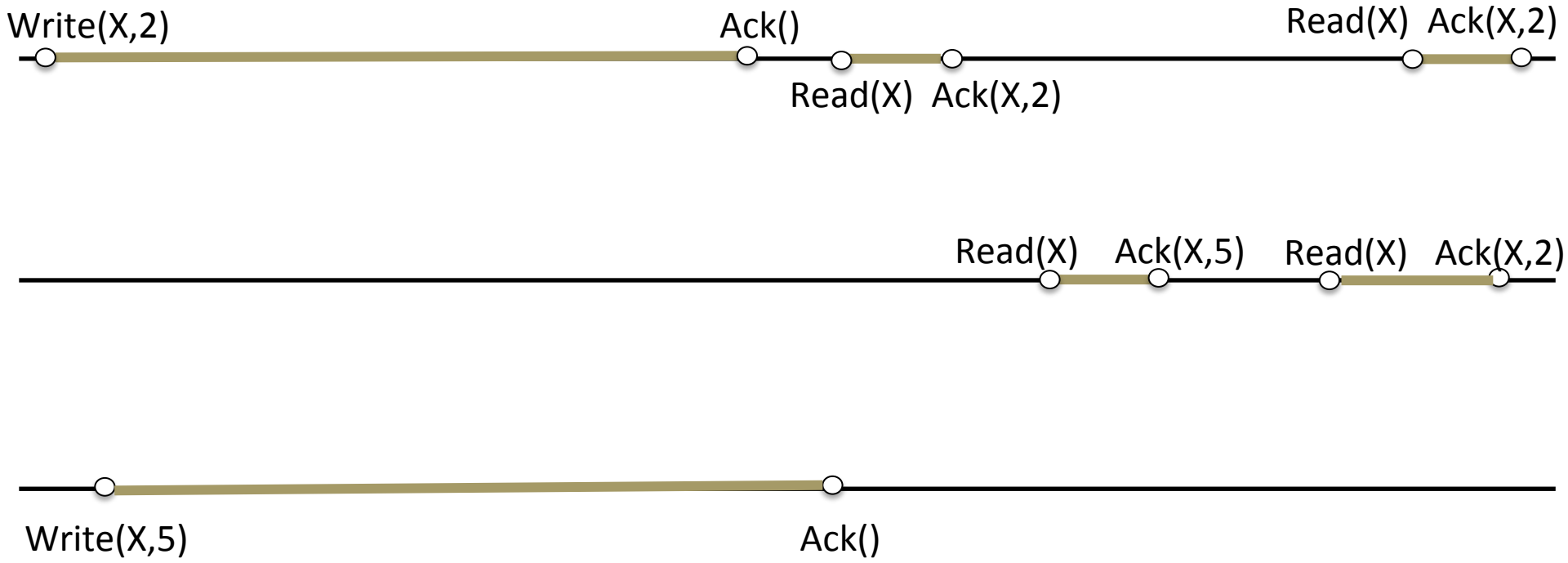

Figure 5: Redrawn Figure 2

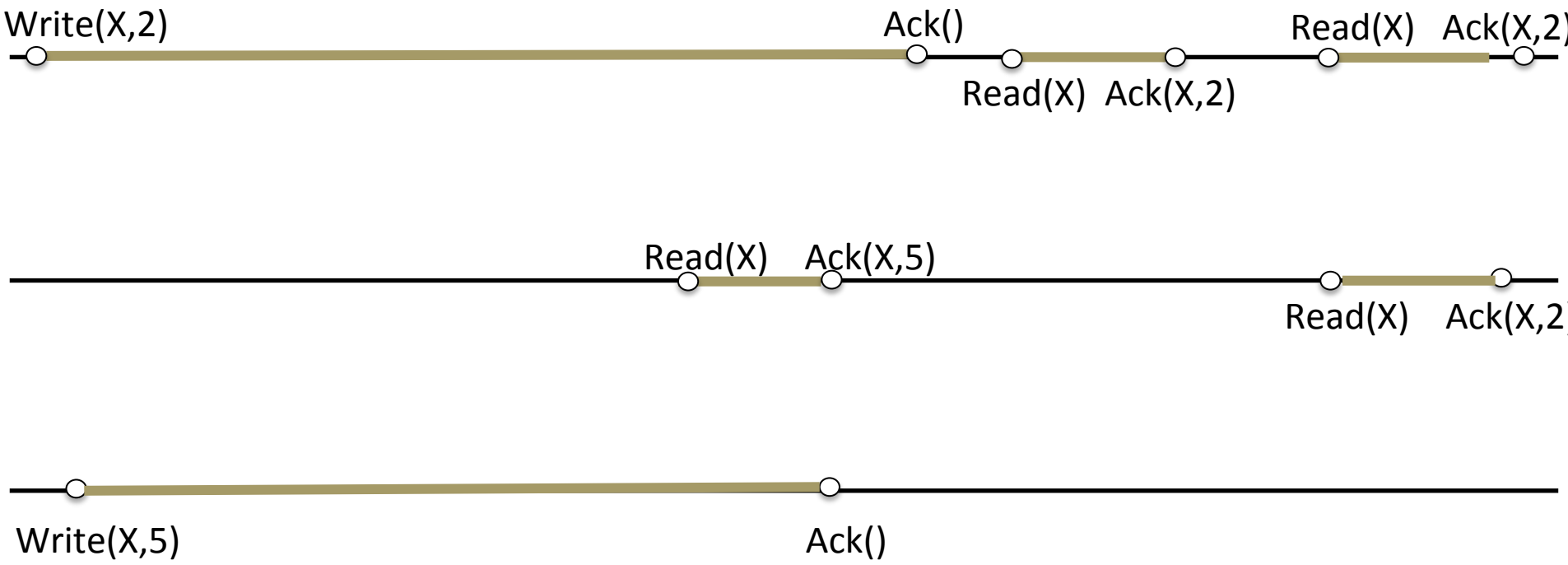

Figure 6: Redrawn Figure 3

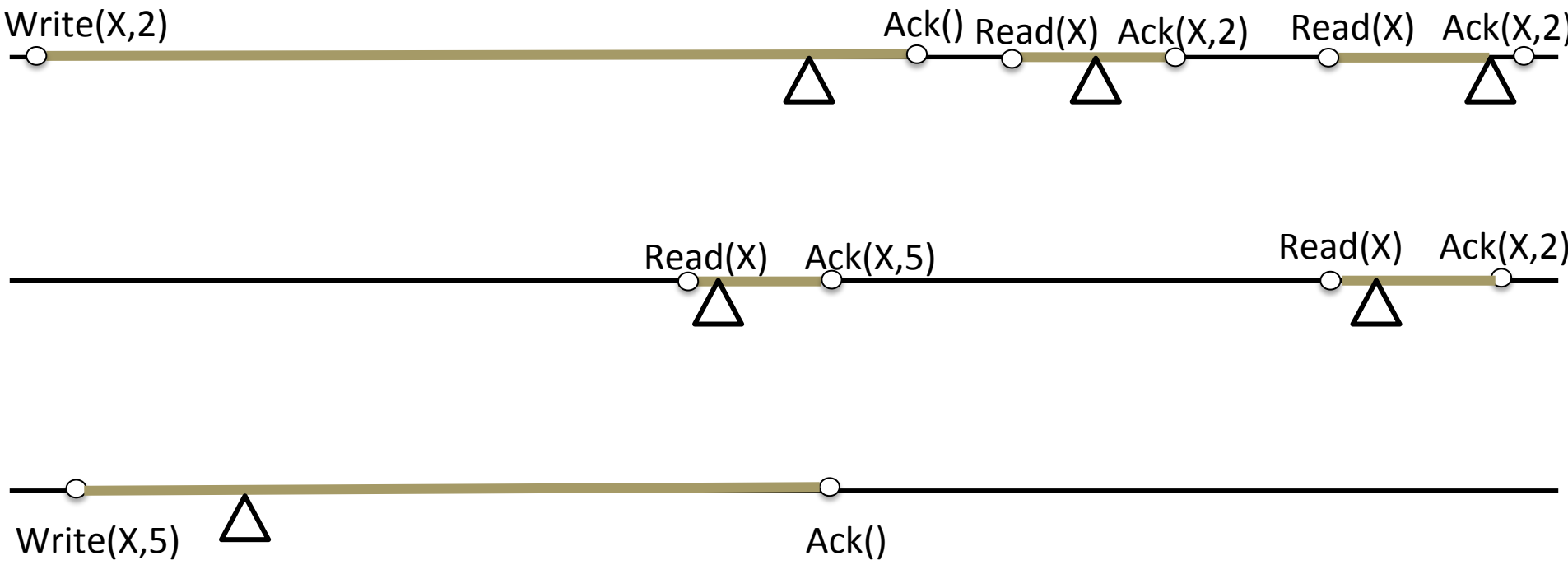

Figure 7: Execution of Figure 6 with linearization points marked by triangles

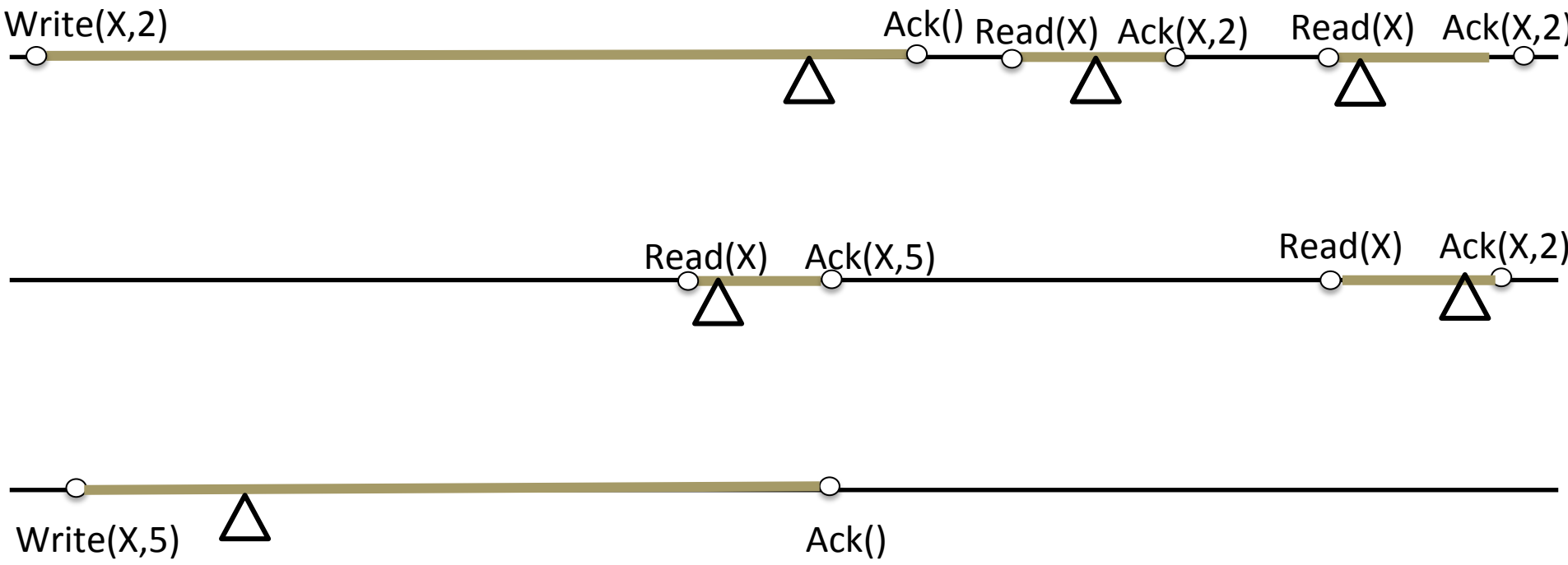

Figure 8: Alternate linearization points (compare with Figure 7)

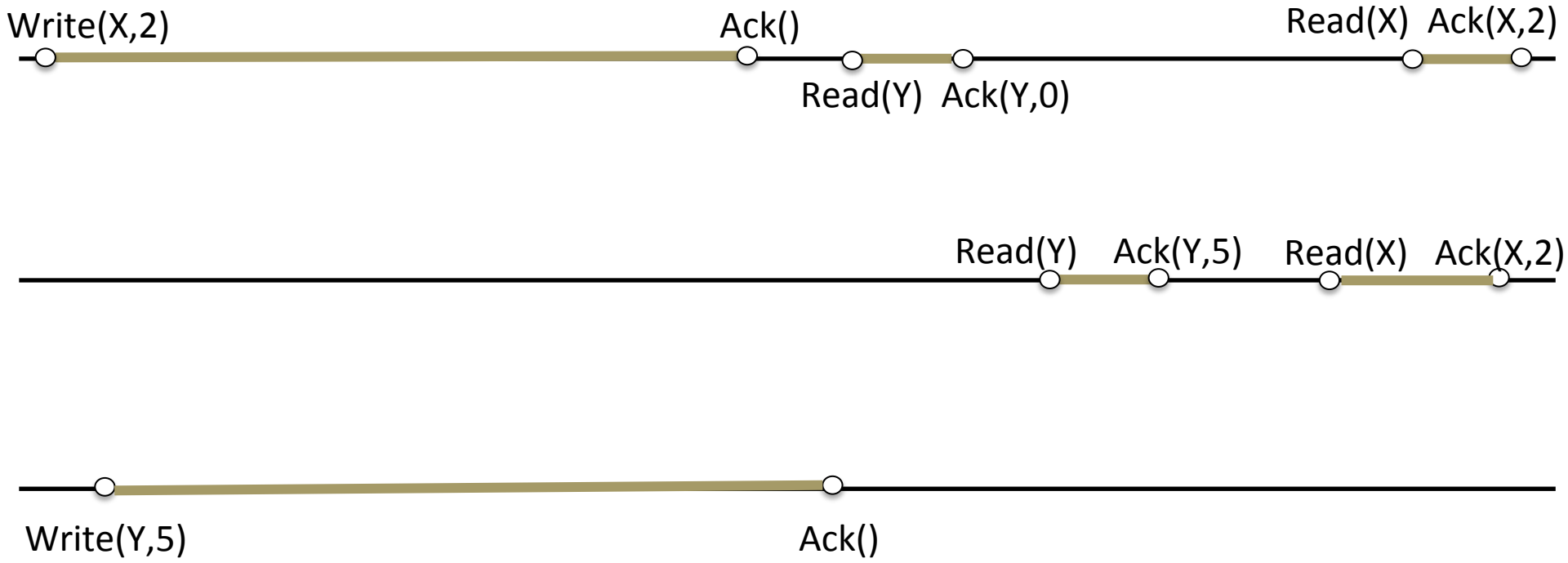

Figure 9: Execution *E*

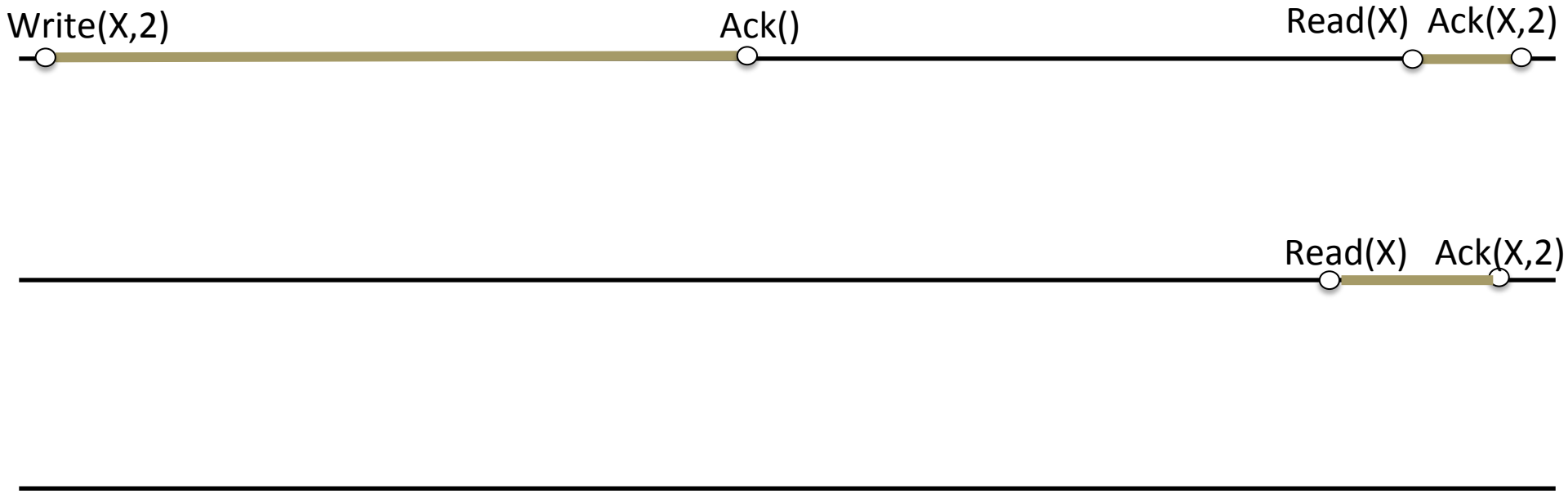

Figure 10: Execution $E|X$

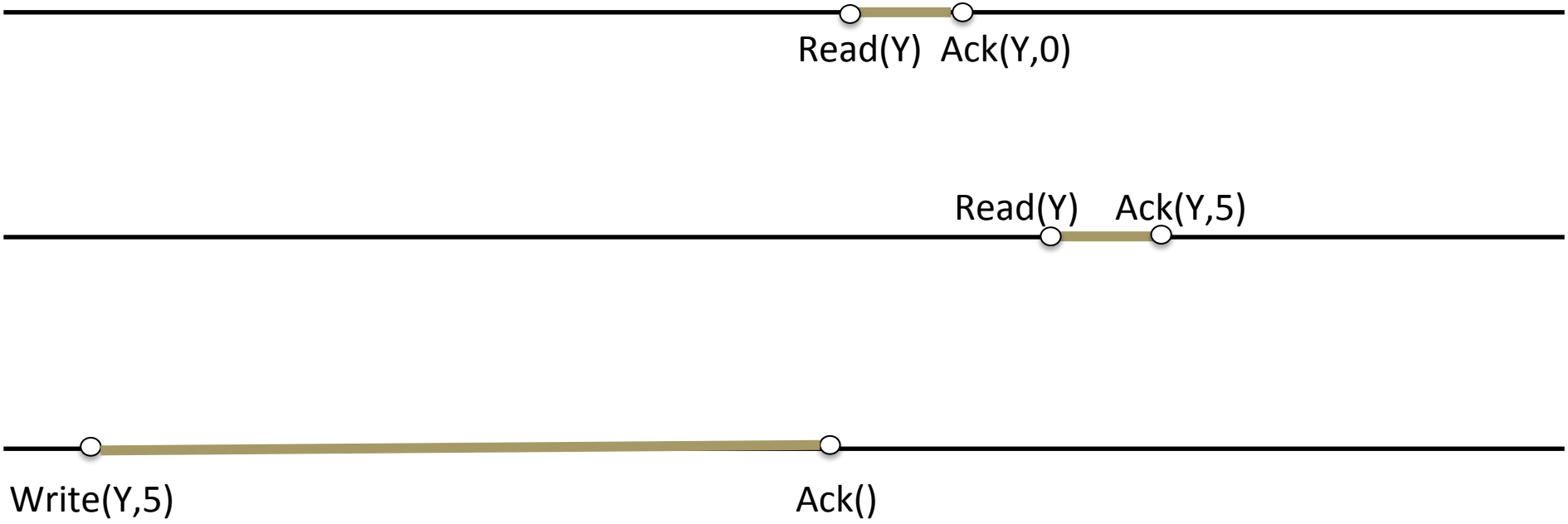

Figure 11: Execution $E|Y$

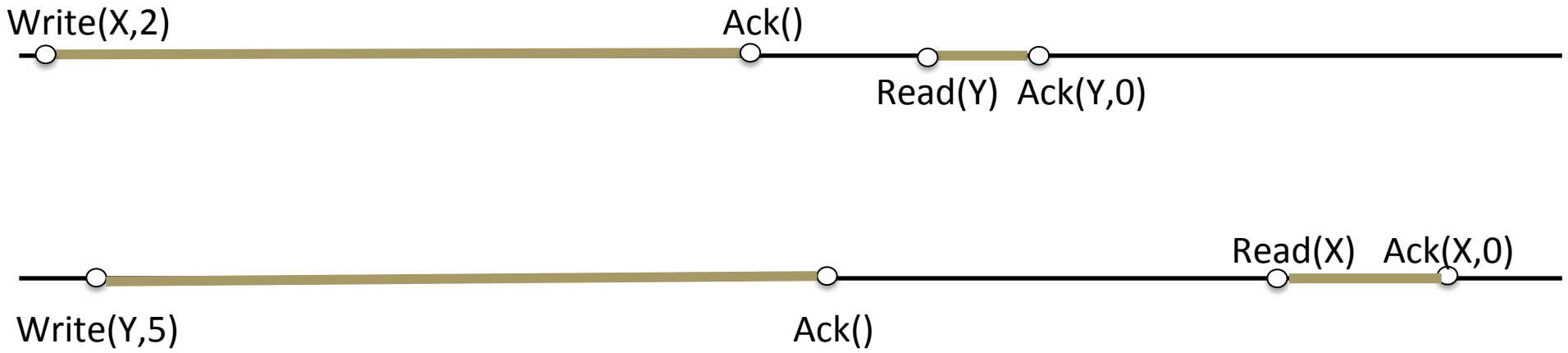

Figure 12: Execution *F*