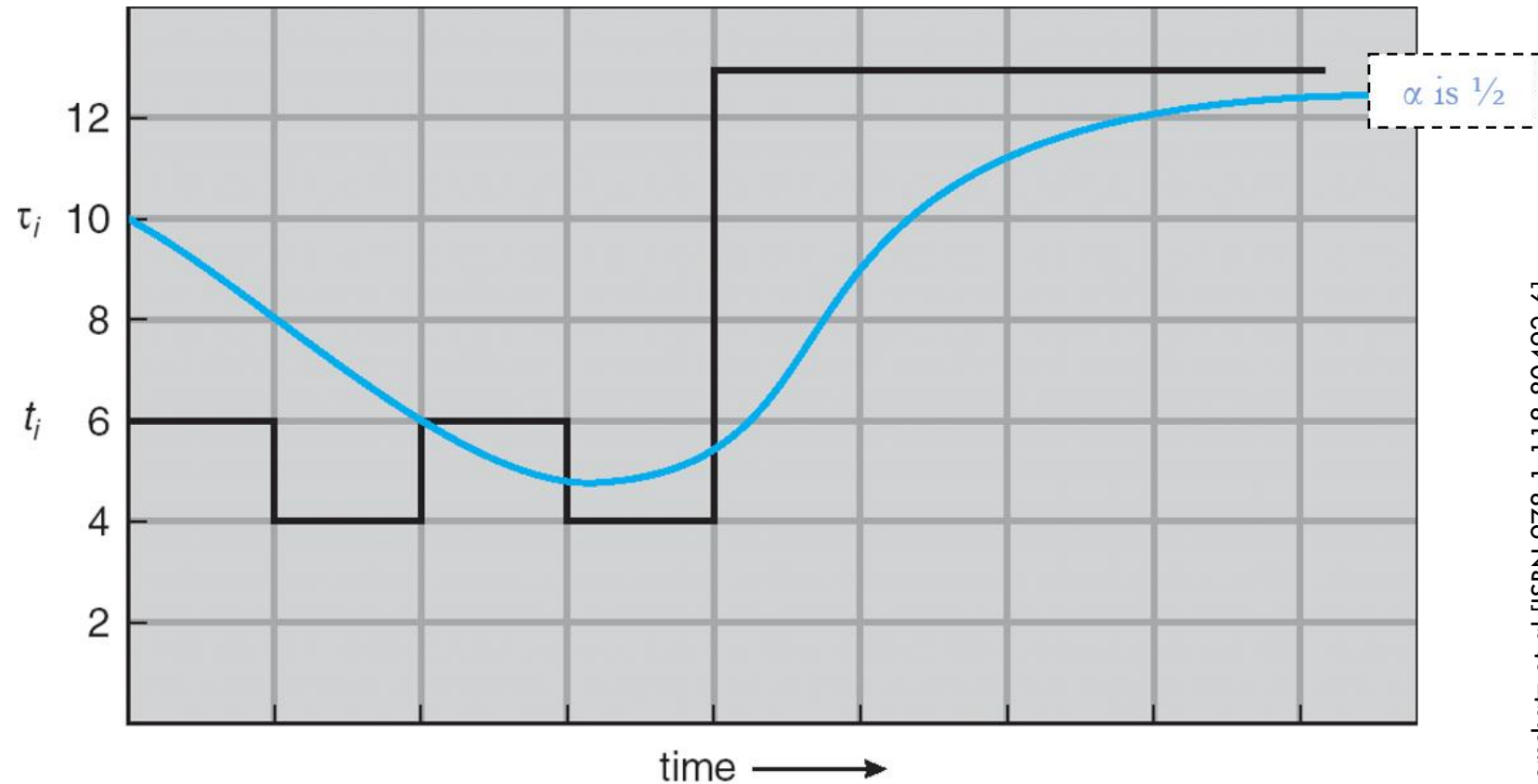# EXPONENTIAL AVERAGING FOR PREDICTION

The black line shows actual CPU burst times, whereas the blue line shows our predicted burst times

We must perform this analysis separately for each process

Try recalculating using different $\alpha$ values (e.g., 0.1, 0.75, 0.9)



$\alpha$ is ½

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CPU burst ($t_i$) | | 6 | 4 | 6 | 4 | 13 | 13 | 13 | ... |
| "guess" ($\tau_i$) | 10 | 8 | 6 | 6 | 5 | 9 | 11 | 12 | ... |