S_1

t_r^1 t_w^2 t_r^3 t_w^4 t_r^n

| #1 | #2 | #3 | #4 | ... | #n |

S_2

t_w^1 t_r^2 t_w^3 t_w^4 t_w^5 t_w^6 t_r^n

| #1 | #2 | #3 | #4 | ... | #n |

Two-threads Approach

t_w^1 t_w^2

| #1 | #2 | #3 | #4 | ... | #n |