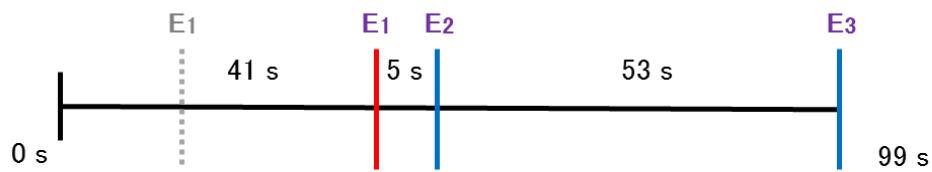
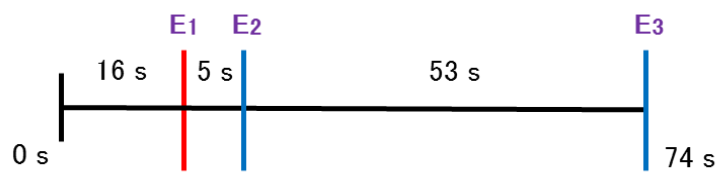


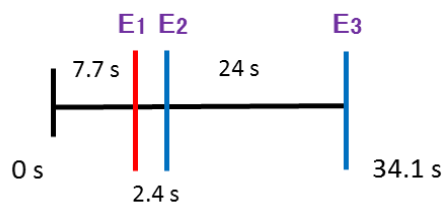
(a)



(b)

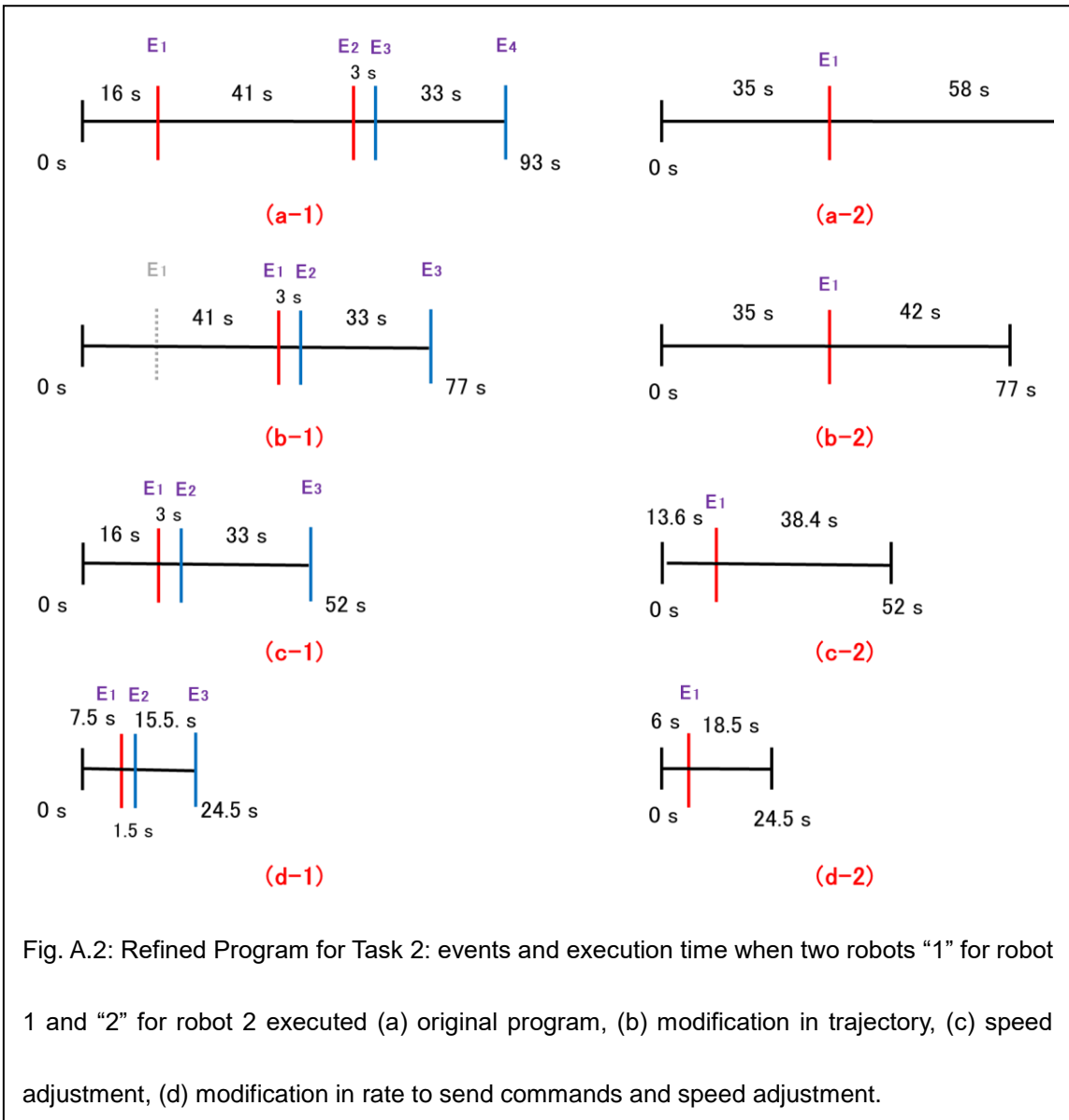


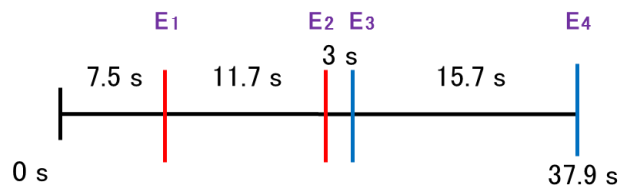
(c)



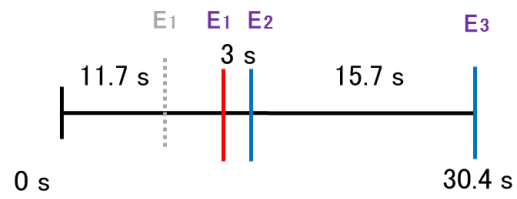
(d)

Fig. A.1: Refined Program for Task 1: events and execution time when executing (a) original program, (b) modification in trajectory, (c) speed adjustment, (d) modification in rate to send commands and speed adjustment.

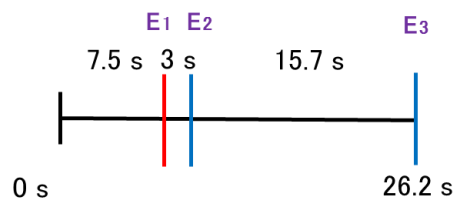




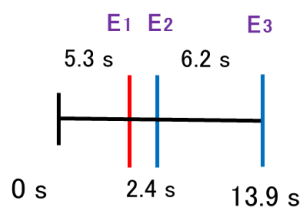
(a)



(b)



(c)



(d)

Fig. A.3: Refined Program for Task 3: events and execution time when two robots in parallel executed (a) original program, (b) modification in trajectory, (c) speed adjustment, (d) modification in rate to send commands and speed adjustment.