

Data Bases II

Schedules and Concurrency Control

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Exercise S.1

Classify the following schedule (CSR/VSR)

$$r_1(X)r_4(X)w_4(X)r_1(Y)r_4(Z)w_4(Z)w_3(Y) \\ w_3(Z)w_2(T)w_2(Z)w_1(T)w_5(T)$$

If possible, add/remove/move one action in order to change the class of the schedule.

Exercise S.2

Classify the following schedule

$$r_4(X)r_2(X)w_4(X)w_2(Y)w_4(Y)r_3(Y)w_3(X)$$
$$w_4(Z)r_3(Z)r_6(Z)r_8(Z)w_6(Z)w_9(Z)r_5(Z)r_{10}(Z)$$

Exercise S.3

Is the following schedule CSR or VSR?

$$w_4(X)r_2(X)w_2(Y)w_4(Y)w_3(X)w_4(Z)$$
$$r_3(Z)r_6(Z)r_8(Z)w_9(Z)w_5(Z)r_{10}(Z)$$