Intelligent Systems: Reasoning and Recognition

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Exercise 7   30 March 2018

Assume the following temporal relations between intervals A, B, C and D.

Event A after Event B:	(A > B)
Event B meets event C:	(B m C)
Event D is after event A:	(D > A)
Event D finishes event C:	(D f C)

a) What are the possible relations of A to C obtained by transitivity with B?

b) What are the possible relations of A to C obtained by transitivity with D?

c) What are the possible relations of A to C after constraint propagation?