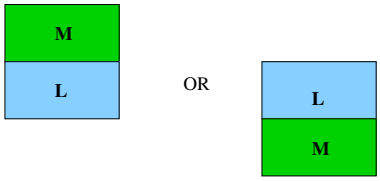
CS5811 Interval algebra example

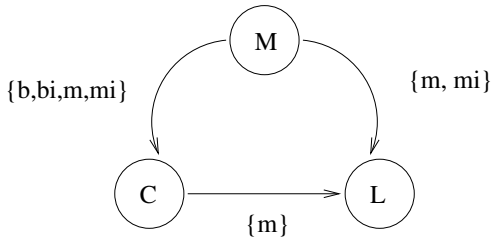
1. I will meet (M) with you right before lunch (L) or right after lunch:



2. I teach a class (C) right before lunch.

3. Meeting and class cannot overlap, they must be disjoint:
   M b C, M m C, C b M, C m M.
   Convert all the constraints so that they are from M to C:
   M b C, M m C, M bi C, M mi C.

The constraint graph is as follows:



Compute the following:

$C_{ML} \leftarrow C_{ML} \oplus (C_{MC} \otimes C_{CL})$