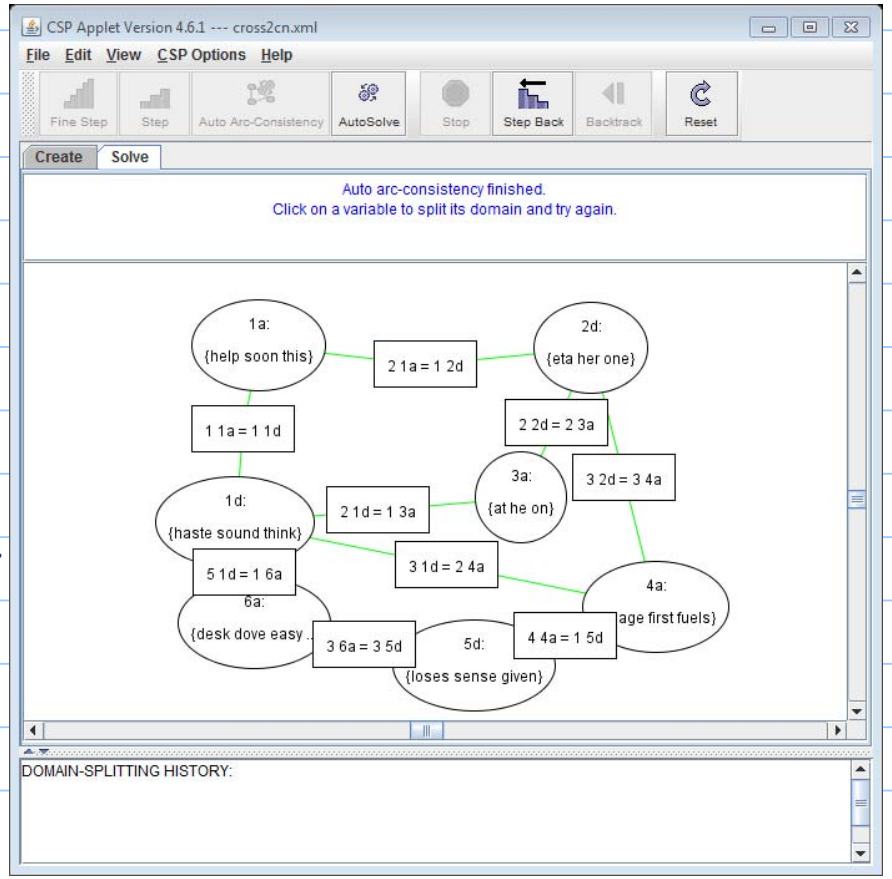
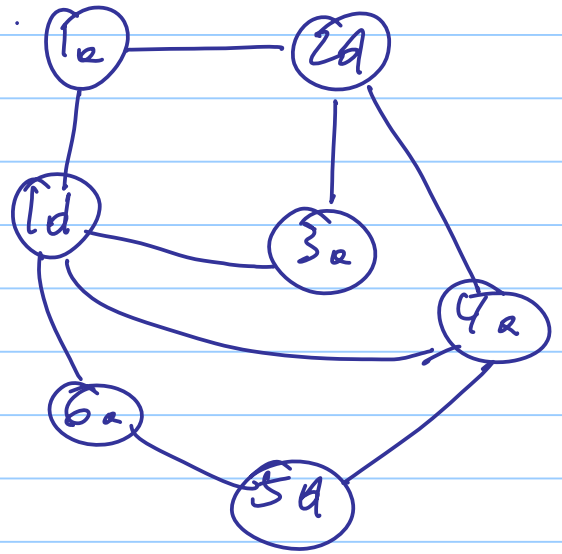
Note Title 2014-03-31



Ex. 4.3(c).
Interaction graph:



The domain of 6a also includes else, kind

Eliminate 1a first. (1a) Compute the join of the two constraints that include 1a. They are

(1 1a = 1 1d)

1d	1a
haste	help
sound	soon
think	this

⋈

(2 1a = 1 2d)

1a	2d
help	esta
soon	one
this	her

=

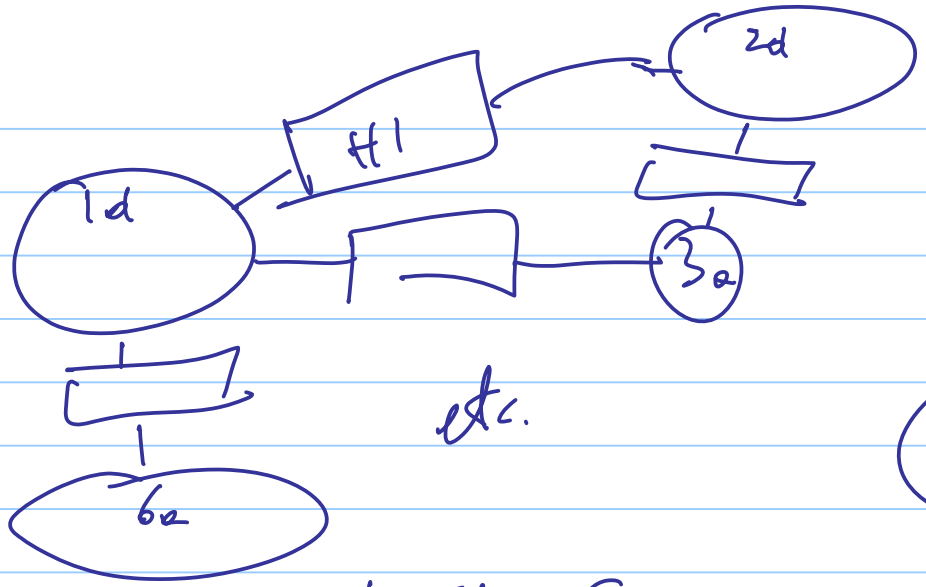
1d	1a	2d
haste	help	esta
sound	soon	one
think	this	her

(1b) project away 1a (project to {1d, 2d}), obtaining constraint

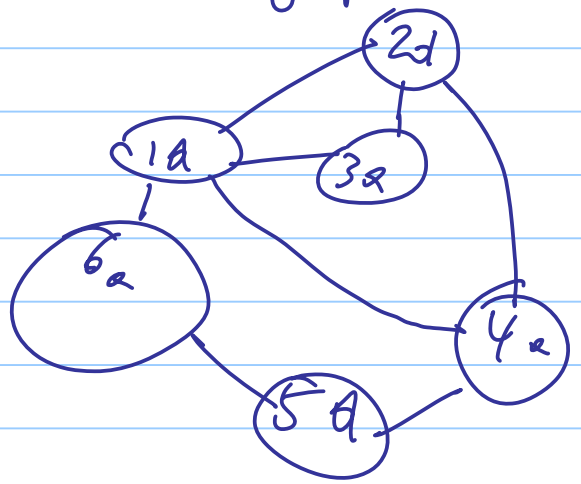
H_1 =

1d	2d
haste	esta
sound	one
think	her

. The new constraint network is:



The corresponding interaction graph is:



We choose to eliminate 5d. First join: