Natural Language processing   Exercise 5

Seeking and Finding

a) *Consider, which are the possible readings* of this sentence:

Tom is seeking the Mayor of Dunedin.

b) *Analyse all those possible readings* (i.e. intensional / hyperintensional seeking, *de dicto / de re* occurrence of the Mayor of Dunedin, active / passive) of the sentence *ad (a).*

c) *Decide and prove* under which reading(s) are the following arguments valid:

Tom is seeking the Mayor of Dunedin

————————————————————— A_1

The Mayor of Dunedin exists.

Tom is seeking the Mayor of Dunedin
The Mayor of Dunedin is the pinball champion

————————————————————— A_2

Tom is seeking the pinball champion.

Tom is seeking the Mayor of Dunedin
Tom found the Mayor of Dunedin

————————————————————— A_3

The Mayor of Dunedin exists.

Tom is seeking the Mayor of Dunedin
Tom did not find the Mayor of Dunedin

————————————————————— A_4

The Mayor of Dunedin exists.

Tom found the Mayor of Dunedin
The Mayor of Dunedin is the pinball champion

————————————————————— A_5

Tom found the pinball champion.