Mame: Deep Salunkhe Assignment: 8 Roll . No: 2102 A0014 (A) Word Sense Disambiguation - I Ex Bass (sound)
Bass (sound) Bass is important of we don't know what exactly this means. V 3/14 Disam biguation: The task of albambiguation is to determine, which of the sense of an ambiguous work is invoked. in a particular use of the word. This is don by looky at the contact of word ine The deal goods! Could be busters [knawledge banel] ML Barel og a laround to fillidedosa ex 1) Walker Algorithms -> It is a graph based apprach -> It constructs a grouph where nodes represent words and edgs represent sementic relation -> The algorithm stort from the seed wood. and walk through the grouph to find the most likely sent

Ex: Mony in the book fetches an interest of 81. per annum

Target: ban'c

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## Randon walk.

- > Similar to walker Algorithm, this use a gooph based approach.
- Instead of followy a determinate poth, is sandows walks though growth
- The probability of choosing a particular edge s influenced by semantic similarly between the connected world to the second of the second tensesses also a series address to question it a

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## 4) Decision lists

Decision lists are a simple orpresentation.

of a classical model, they consists of as

list of rules, each with a condition and.

an associated, action, the first rule that matches the input determines the classificant.

Frange:

- "money", "acrawlt", or "loan", then elawify
  it as "financial
- -) If the word "bonk" appears noor the water "men", "shorn", "week", then clossely loan