

- (D) 02/5 |CDO|=2, |union|=5 > Jacand=2/5
- The sums neighbour 9-throng of lam is probabilities

 [The sums neighbour 9-throng of Icm is probabilities

 [a edge ...
- Derause aggegating tennos toon dis similar neighbor can blue the notes own nepresentative tentures, making classification hander. This degrades classifiction in heterophisic settings
- Do minimore Indection, the type of the spots and and some between contractity, which spots and and on the paths. These act as bridges in the retorn and are may a controlling spread we then apply degree constraints to detect highly connected individuals the can spread quickly. Ranking rode breed on a hybrid it born controllines gives a more edderive vaccination tray et set. Tangetting only high degree nodes may ignore those bridging communities.

 Betweeness helps protect against cross-cluster anderson: with only 5%. council, this strategy massimiss appear in sire ly namics
- (3) We can use NodelVec to general vector embeddings capturing smethod roles, and then we can combine with line prediction metrico line Jacand postate ton Scaring links.

 Then train a midel to learn thom co-numership is estation patterns.

Other. To promote crow-disciplinary collaboration the consideration to scorings.

Can add diversity-aware regularisation to scorings.

like penalise recommending too many similar public, etc.

- (1) (2) hinven-Nerman algorithm detects communities of remove edges with highest betweeness, and this separates densely connected groups as bridges are eliminated. Fleratively It recalculates edge betweeness after each removal.

 and finally It also between high traffic limbs.

 Cut through also.
 - The necolitate edge betweeness at each iteration Remove the edge with the highest value to gradually separate Communities.
 - graphs & even step recalculates all pairwise shortest parts of this 21 a major disadvantage
 - Del moving it the nodes. If who then dustine aggreted community not sper nodes. This process & fast & scalable to optimising moderally.
- (5) @ Pagenank ranks nodes based on the importance of their neighbors, It distributes rank through links reconsively, used widely as help search

The damping beton models handon jump probability. It
ensures that the sunter occasionally jumps to a mandom
mode 8 9t prevents trapping in loop/dead end.
A higher damping tactor gives more beigned to link
Structure.

@ Problem langling nodes: -

Danging notes have no outland links, and hence they break nank neditionion. This lend to nank sanks & privents convergence.

Combe fixed by adding links & every not, which leads to convergence of the Page Roma vector.

Stratus 1 V Stratus 1 L	Stratess A	Stratest	Mary in	JAI'
Strates 1 V	(3,2)	(0,1)	Muck	100.00
Statogy L	(2,0)	(2,3)		

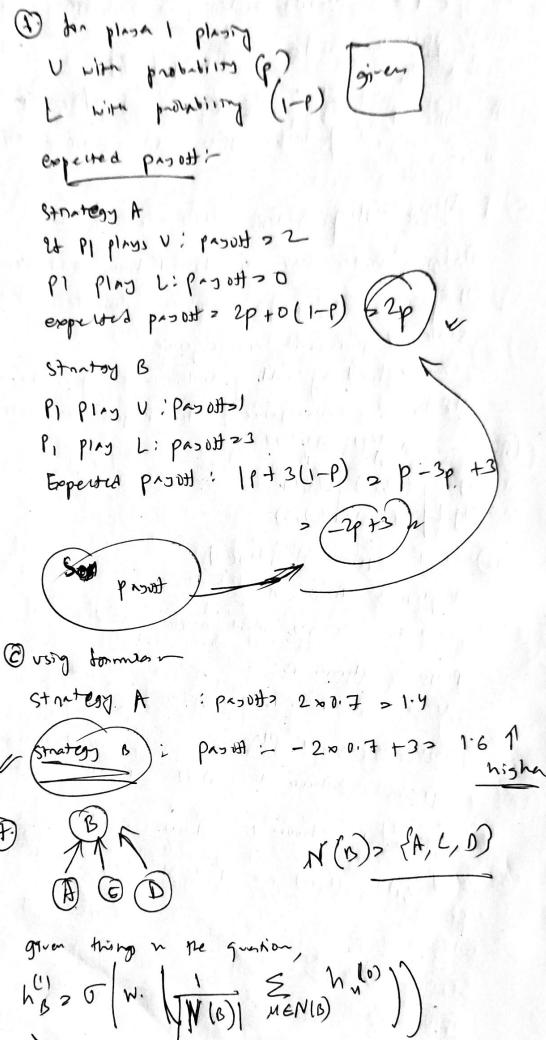
2t plane 2 chooses A
U-) 3 L-> 2 -Best nopose 3 U

Player 2 thooses B'.-U-0 L-12-> Best response

Best response it planse 2 gest repose A

Planse il choose V A>2 B>1

Plugh 1 Choose L ASO 1533 s Best repose (U,A), (L,B) are the strategy North equilibring



I this needs to be calculated.

h 0) > [0.5]