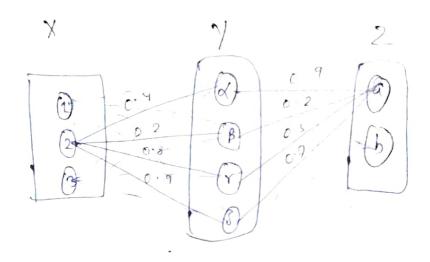
LXMICE PBI i | p-1 | i | p2 DE SYP(11X-C:115)-4 = 4(10-0115) = E. 18/cox (= (1/18-C1113). (= + N X-(2112). = \$ (VO-11/2 +VO-11)2). (ije0+a2, e-2+d=1.



30 Apply Extension borneible to the fazzy set with disente convenie

Aus:
By applyon extension branciple

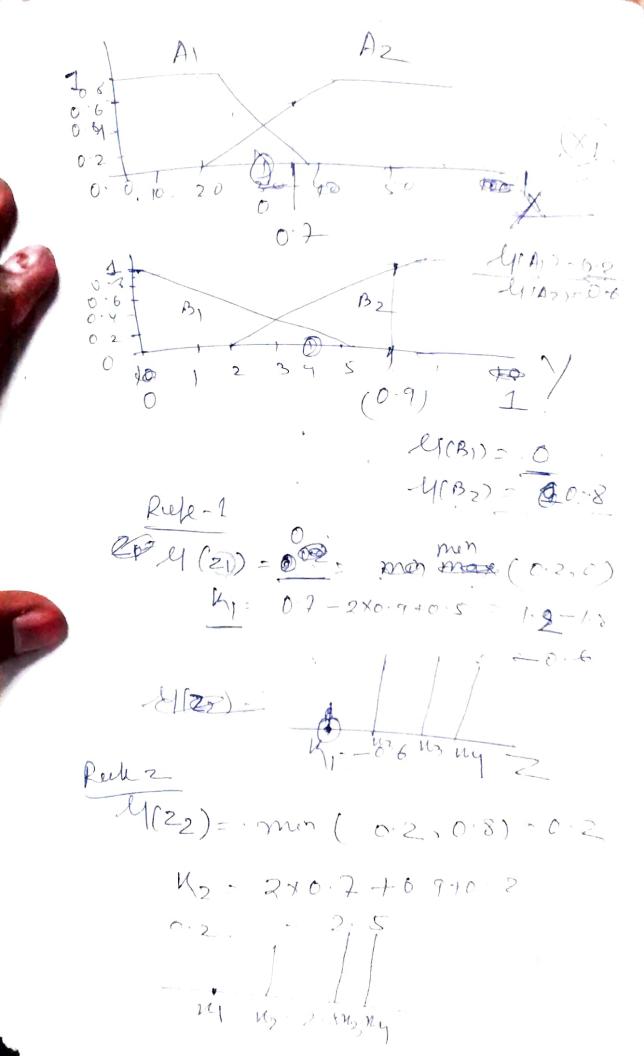
- 111 10.4/-2 +0.8/-3.

forzy sets with continuous converses

Liara): bell (7; 15, 2, 05) $f(M) = \frac{1}{2}(M-1)^2 - 1$, if 2750

Promany Jermes (Jueng, middle, aged, old). negetion ("not"). hedges (very, more or less, quete, extremely) Concentration operation) AK = Jx [ELAMO] X/2 (ON(A)= A2. DELCADE AOS NOT(A) -- A = [1- (1/2)]/2 A AND B: ANB: [- GA(a) 1-4B(D)]/2. A OR B = AUB - & [LIN(M) VEIB(M)]/2 elyonery (01) = bell (01, 20, 2, 0) - 1+ (21) 4

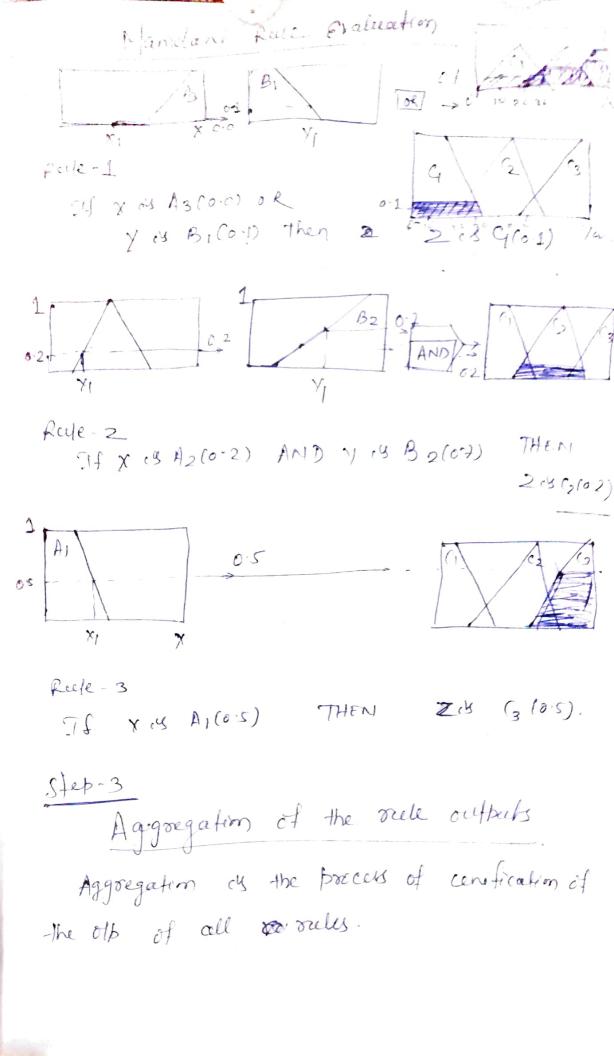
Gold (a) - Bell (21,30,3,100) - -1
11 (2-100)6



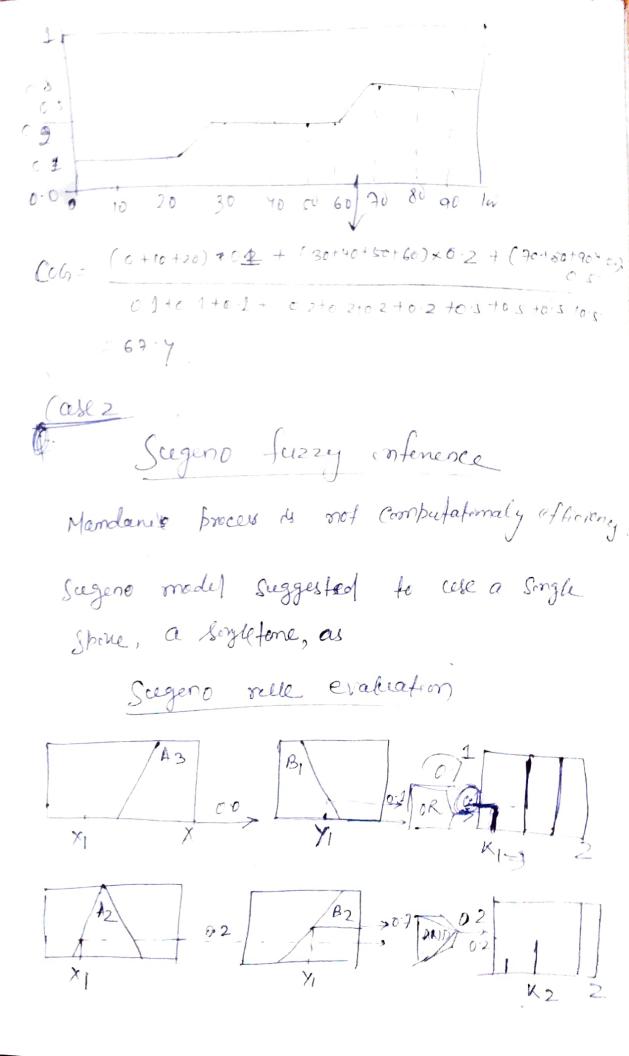
prembersh 606 - frenchimo q 30 40 200 6 30 8 7045,20 80 30 80 45 100 of-1. Speed or slev, 4 = 0. modelate, ymad : 0.1 high, Un- 0.3 ib-2 when speed by mean, thream 50 unem distance meder, Amedou - 0.6 1 lange, Maye = 0. che It speed by slow, I distance near, bo folia. If spr on hy dista near, butters
go shedes high dista mode, but luga

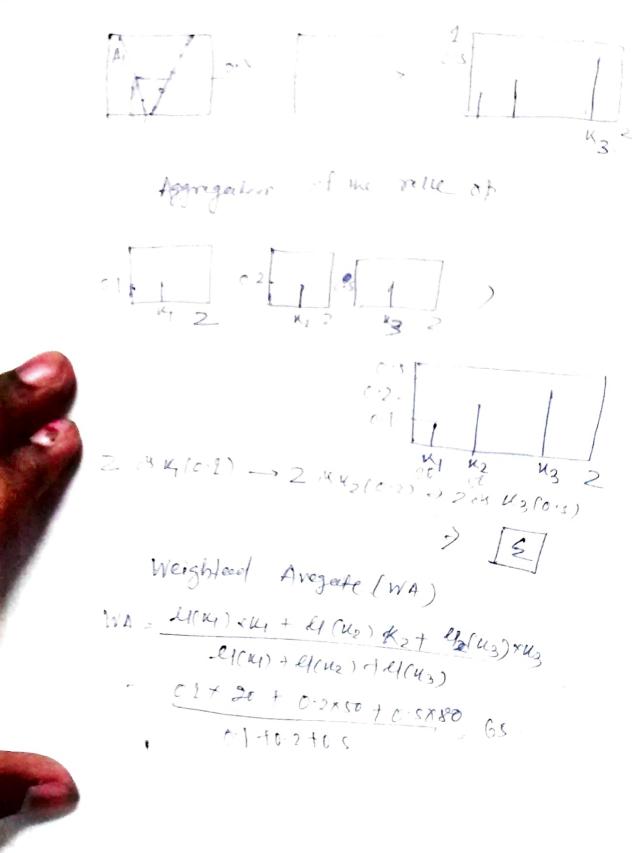
Mandan Jury orfenence It performs forer steps 7 fuzzification of the it variables > Rab evaluation - Aggregation of the rule outputs ! (301) . a deffuzzification (601) one of faiblem. IL Two the & ad- Az Rule 1 keels ! If project family in adequate If ned As OR Project staffing is Small OR You BI THEN YISK MY ROW THEN 2 15 G Rule 2 Rub 2 If project funday is marginal · 15 × 18 42 AND project Staffey is large AND JUB BZ THEN TISK IS normal. mes 2 9 G Feele 3 Pule 3 I from forder is madequete If or is A, than now is high hen 2 4 C3

418 AD DE 41(4.2).01 dex yes by 9(V B) - 10-7 4(x-A) 0 As a made Bi- may As margin all the mide Rule Exploration grange in large one The and step is to lake the few sitient copy (40-x-A1). 05, 4(x-A) -0.2. (1(x-x-2)-0, G(YOB) = 0.18 (1(YOB) 0.) Apply them to the contecedence of the feezy out Il a gonen fewry reale has mulliple antecentarys . The fewery offernetes is ested FOR OF ANIM out to obtain a single member that prefine some me result of he confeced out evaluation. That many ch then applied to the Consequent membership · leine from. (Chiby) Charlen Char mant Charm. ducky ANID MA O RACCOLD DUNGTERATHER CORONT



Aggregation of the rele attacks Z & G(01) > Z & G(0.2) -> Z & (3 (0.5)) Metazzification. The last steb of on the forzey inference prougy defuzzification. fazziners helps to evaluate the rales but the final old of a fazzy system has to & The ilp for the defenzification process of The aggregate Ollo Surry set I the off my a Single number Centroid technique centere of, gravity (coa). (og -) - elacas ada b) larman.





Max nun Composition Max - V Mar-broduct " min . 1 det Ris, can referant to y" R2 = "y es referent to z". . Just fuzzy relations defined on Xxy & Yxz X-71,2,39, Y- 72, B, V, 8}, 2-70,6] R2 8 0 2 0 3 0 6 0 . . . Derive a Luzzy relation 'suis releval to 2" hased on A ERZ Degree of rekvance between 2 (EX) & all 2) cesaring max-men composition 2 max-breduct Composition Mry or (2,a) - max (0.4x09, 0.2x02.0.2.2. -max (0.4,0.2, 0.5, =-= 0 7 Marmir -4/4 0 R2 (20) = mor (04x0= = --: max (0.36 = = = 0.63 (mg