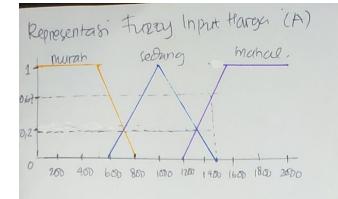
AFIFAH NOVIANI G64170023

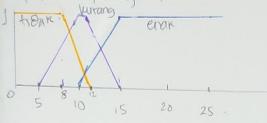
| AFIFAH NOVIAN | | | | |
|-------------------------------------|------------------------|--|---|-----------------------------------|
| o Fuzzy A (Hargo o Fuzzy B (Raso | 1 | Input produces) - output. | | |
| A | | | 1 | |
| Fuzzy Set Harga | Kenva frapezoi Bal | | | Kurva Trapezoi8al |
| Manal | 1200, 1500, 2000, 2000 | | | 10,15,25,25 |
| Secano | 600, 1000, 1500 | | Kurang Enak | 5,8,12,15 |
| Murah . | 0,0,500,800 | | Ti Dak Enak | 0,0,7,12 |
| | | | Rule (# JHEN) R1 = A solling, B Enak of Chesar | |
| Fuzzy Set Jill Produker | | Kurva trapezoidul | K2 = A murah → C besar - K3 : A selang, B tilau eran → Csel | |
| Besar | | 60,75,100,100 | | |
| Kecil | | 20, 25, 50, 75 | | |
| 149 | | 0,10,15,25 | - R4 3 A maihal , B kurang erak -> C redu | |
| Diketahui A = Jawah. A = 1400 | - 141 | 00, 15 ls, hilai | | • B = 15 |
| | | $= \frac{1400 - 1200}{1500 - 1200}$ | F010 = | $4(enak) = \frac{15-10}{15-10} =$ |
| M (setting) = | C - | $\frac{-x}{-b} = \frac{1900 - 1400}{1900 - 120}$ |) = 0,2. | $u(Kurang) = \frac{15-15}{15-12}$ |
| 4 (murah') = | | -10 ISDO - 12 | טכ | 4(ti8ak) =0 |
| | | | | |



$$4 (yeQung) = x-a \Rightarrow 0 = x-20$$

 $5-a \Rightarrow 0 = x-20$
 $x = 20$

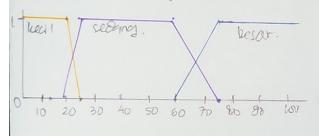
$$M(x\partial ang) = \frac{d-x}{d-c} \Rightarrow \theta = \frac{75-x}{75-x0}$$



$$4(setting) = \frac{x-a}{b-a} \Rightarrow 0 = \frac{x-20}{2s-20}$$

$$x = 20$$

Representasi quany junction producti (C)



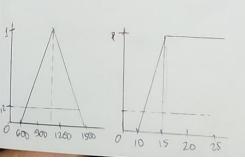
$$4(ce8ang) = \frac{d-x}{8-c} \Rightarrow 0 = \frac{75-x}{75-50}$$

x = 75

$$4(besar) = \frac{x-a}{b-a} \Rightarrow 0.2 = \frac{x-60}{75-60}$$
 $x = 63$

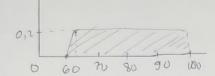
R2. = 0

$$u(besar) = \frac{x-a}{b-a} \Rightarrow 0 = \frac{x-60}{75-60}$$
 $x = \frac{60}{00}$



Penalaran mambani

1 -



hisector

$$M = \frac{2M}{2} = \frac{6.2 + 0 + 0 + 0 + 6 + 0}{2}$$

$$=0,1. \in [0,0.2]$$

ambil rang teratas >0,2.

Defu tifikasi

o (nomen

$$M = \int_{60}^{100} (0.2) 2 dz = 0.1 + 2 \int_{60}^{2} 100$$

$$= (000 - 360)$$

Vuas daeran =

$$A = \{(100 - 63) + (100 - 60)^{3} \times 0.2\}$$

27

Title pusht
$$= \frac{640}{79} = 83,117.$$

Penalgran Tsuk amoto

$$2 = (0,2 \times 63) + (0 \times 60) + 0 \times 20) + (0 \times 95) +$$