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Kecerdasan Buata

- Permintaa = 3000
- Persediaan = 700

Fuzzifikasi

Permintaan	Persediaan
$\mu_{perm-turun}(3000) = \dfrac{3000-3000}{2000} = 0$	$\mu_{pers-sedikit}(700) = 0$
$\mu_{perm-naik}(3000) = \dfrac{3000-1000}{2000} = 1$	$\mu_{pers-sedang}(700) = \dfrac{700-700}{400} = 0,25$
	$\mu_{pers-banyak}(700) = \dfrac{700-500}{3000} = 0,666$

Fire Strength

1. $r_1 = \min(0, 0,666) = 0$
2. $r_2 = \min(0, 0,25) = 0$
3. $r_3 = \min(0, 0) = 0$
4. $r_4 = \min(1, 0,666) = 0,666$
5. $r_5 = \min(1, 0,25) = 0,25$
6. $r_6 = \min(1, 0) = 0$

Agregasi Konsekuen

$\alpha_{berkurang} = \max(r_1, r_2, r_4) = \max(0, 0, 0,666) = 0,666$

$\alpha_{bertambah} = \max(r_3, r_5, r_6) = \max(0, 0,25, 0) = 0,25$

Hitung Luas tiap Daerah

Bagian	Jenis Produksi	Luas	Titik tega
1	berkurang	440	2000
2	berkurang	540	3400
3	bertambah	120	4300

Titik Momen Total

Bagian	Luas	Titik tega	Momen
1	440	2000	1,232,000
2	540	3400	1,836,000
3	120	4300	516,000

$$z = \frac{3,584,000}{1100}$$

$$= 3,258$$