1	Pokefohri himpurum B dengan trga brok moi
	{0,1,2} In In bush operator + In. bastan
	Operasi dergar operator + In . Listephress pan pas labor
	+ 0 12 0 12
	0 0 0 0 0 0 0 0 0
	10111012
	2012 2122
a.	Pari les y assiona dosar (Fooutafif, distributis,
	1 Scrittag, for pumplemen). Atsioma manakah yang
	typeruhs Oleh pedua fabel dratas? . Aparkah oremen
	ilentitas until mastry-mastry operator of tan.
	L Komufatif
	(t) jim atb=bta
	10+2 = 0 Lan 2+0 = 0
	1/2=1 Sar 2+1 >1
) jua a.b=b-a
	-0-121 den 1.0=1 * Memeruhi (komutatie)
	· 0 · 2 = 2 Lan 2·0 = 2
	$\frac{10 \cdot 7^{2}}{1 \cdot 2} = 2 \text{ don } 2 \cdot 1 = 2$
	.1.2 = 0 -00 2.1 = 2



2. Distributif

a. (b+c) = (a.b) + (a.c)

Confohl: a-1,6 . 1.C 22

hotory 6+c = 1+2 =1

hotung a (btc) = 1.1=1

Liting (a.b) + (a.a) = (1.1)+(1.2)

* a. (b+c) - (a.b) + (a.c)=1

Coaton 2: a=2, b=1, C=2

hing bfc = 1+2 = 1

hitung a, [bfc] = 2-1 = 2

hitrory (a.b) + (a.c) = (2.1) + (2.2) = 2 +2 =2

* a (b+c) = (a.b) + (a.c) = 2

Seferah cet tembernasi pedra tober memeruki

aksioma distributip.

3. Gentifas

- Operation +)

. 0+0=0

11+020

· 2+0= 0

* eleven until operator + aluah O, parem of o > a untuk semua

a EB



- Operator (.) * clemen Flentitas until sperasi . .9-1=0 adulate 1 - favora a-1 = a write Serva a &B · 2 - 1 = Z y, tomplemen Untok operasi mi frak tapos menemutan komplemen yarg porsisten langi setrap elemen, parena filas ata slener your neverth persyaratas lasha operasi b. Sparah bronzeran B dengan dra kvan operator dratos memberty alphar boolean? Jelaskan pawaban anda! Jamas ! · formulation: fedura operas; beautiful · Pistributions tella operaci memerali sitat distribution · Untitors = Operatif t dan · masony-making mentilisi · pemplessen = Tilak ala bonplemen yang bonsisten * karen himpuran B meneruhi akstoma kumutatik, distributio, Lan itentitas, tetapi tidace Memeruh assessmen komplemen. Massa himpuran & titak membertuk alpabar boolean



4 Nyoraman F (a, b, c) = [(ab)' c)' ((a+c)(b+c)) don benfus bow Sop don bentus favorisk Sop · Scherbarakan ((ab) () - Bertosarpun atura a dengragan. (ab) = a + b1 - [a'+b') c pomponen teri (a'+b'). c alalah pa'th') +c r forta tapat overyeder haraban megadi a. C + b-C * ((ab) () = ab + c · Seserharakan ((a'+c) (b'+c') - Mennet aturan temporgan, componen chart (a'tc) (t'tc') asolah (a'tc) + (btc) dapat mengelerkanatan regasi a. C+6.c * (a'tc) (b'tc') = a.c + b.c · Gabrigkar bedin bagran f(a,b,c)= (abfc'). (a. C+b.c) · Benfok bodo Sop Drembrestan (as + c') tengen (a.c'+ b-c) + (astoc). (ab.a.c) + (ab-b.c) + (c-a.c) + (c.b.c)



- Selenharatan trap supu · ab .. a . c > ab . c ab . b . c = ab . c · c'.a.c' = a.c' · e' . b - c - b - c · c' of the bentile book sop don't plant, c) almans F (a, b, c) = ab. c'+ ab. e+ a.c' · Bentuk banonik SOP 1. ab. C dolar bert & montern adalan a=1, b=1, C=0 yash = ab.c' = m6 = 16c 2. a. by Lolan bentow mintern adulah a=1, 6= p dan C=1. yorks ab. C=m7=abc 3 a-c' Lalam bentre proposern abulah a=1,b=B, e=B your a.c = my = ab'cl * Bento Karonik SOP P (a, bc) adulah f(a,b,c) = my +m6 +m7 ator bentuk exspressing a f(a,b,c) = ab'c + abc' + abc



6. Cartan complemen dari surgel P (w.x.y, 2) =x'Z+w'xy'+wyz+w'zy f (W, x, y, 2) "x 'z + w 'x y 'twyz + w 'xy temporen dis f(W, x, y, 2) adolah f(w, xxy, 2) Longer apran femorgan F = x 2+w'xy'+ wyz +w'xy) Menros aswar semorgan most meneas tomporan dai setual etispresi, pote hours morgubal perimbelan menjali perkahan Schryga: F(x'z)'. (w'xy'). (wyz)'. (w'xy)' - Cari benampuan Lavi trap sold · (x'z) = x+21 · (w'xy') z w ty ty · (wyz) = w' + y'+2 - (w'xy) = w +x+y' P'(w, x,y,z) = (x+z)'. (w+x+y). (w+y+z'). (w+x+y') * Jika templemen dar progsi f (W, X, y, 2) =x'2+ w'xy'+ wxz + w'xy. alolah F'(w,x,y,z) = (x+2'). (w+x+4). (w+y+2')

