	BLAS	- (Kiwoj	Rainels	image depth filter size +2 (padding) Studes	Date _ Page _	ssmate
Q1.	Kernel	Input	No of	Calculations	Outpul	t Panamete
	Size	•	Kernels		die	
	3x3	150	32	W: 3x3×3 ►27	150×150	896
		x15013		27×32 = 864	x 32	
				B: 1×32 z 32	(15 <u>0-3+2(1)</u> +1-	- 150)
	2×2 150		(150-2+2(0)+1=75)		75×75	
*		x120X37		2	x 32	
	<i>3</i> ,₹3	75×75	64	w: 3×3×32 = 282	75×75	18496
		×32		288×64=18432	×64	
				B: 1x64 = 64	(15-3+2(1) +1=	75)
	2×2	75×75	<u> </u>	5-2+2(0) +1 = 37	27×37	
		X64		2	V64	
	3×3	37 × 37	128	w: 3x3x64 = 576	37×37×128	1 3856
		×64		576 × 128 = 73728	(31 + 3+2(1) + 1	= 37)
				B: (x 128 = 128		
	2×2	37×37 ×128	(37	2+2(0) + 1 = 18	18×18×12	8
	FOR ALL	A11	18 % 1	8 X 128 = 41472	91472	
	FOR ANN: W= nodes of		W: 64 x 41432 = 2654208		<i>C</i> ()	2(5() 2.2.2
	11				64	2654272
	current	· uyer	6: 1X	64 = 64		
	nodu	of prev	ω: (·	x 64 = 64		65
	lay			X I = (
		•	TOTAL	= 2747585		

			The state of the s		
Q2.	Kennel Input No	4	Calculations	Output	Parametri
	Size Size Ke		Jana	0-	_
	OLST SIST LIE	outer?			
3/28	3x3 150 8x2	25 W:3×3	x3=23 55	74×74	700
	x ISOX3		- C25	x 25	
f X	(150-3+2(1)-15	B:1 X-2	1	150-3+2(0)+1:	= 74)
		D. V.Z.	3.4.70		
	2x2 = 74 x 74	74-2+2(0) 51 = 37) 3	37×37	_X2.
	S €X-25	2	52	x25	4
† P8.	S (+6x+6 Ex6	5	25×5,225 9 8	(8 X 18	€ 7 910
	4.52	- 225 ×35=	7875	x 35	
	25 = 1 = (NS+E-aF)	B::1×35	;3.5: <i>a</i> ;	37-3+2(0)+1=	18)
	2x2 (8X18)	(18-2+2(0)+	15=19) BE	9 % 9	1272
	₹35 %	2		x.35	
	₫ .				
1385	3x3 9x9 50	ω: 3×3×35	S= 315 : 33	7.X.F	5800
(+	= - (x354 - ##)	315 × 50 = 7	5750	×50	
\	1 2	B::1.x50:2	50 : E (q	$\frac{-3+2(0)}{1}+1=7$	
	-				
	2×2 7×7 × 8	(7-2+2(0) ₊	()=3) - FE	3×3×46	2×C
	x 20	(2		X50	
		3×3×50= 4	150	450	
E	दश्मा ।	on Tehlh =	851 x 81 x 81		
		W: 1024x 450 =	460800	1024	461829
(fa. 1/2	·s 1:3	B: 1x 1024 = 1	024	a sofan	or <u>La</u> l
			3 5 72 4 18	, and max	nus š
		W: 100×1024 >	102400	100	102200
22	\$ 1. J	B: [X 100 = 10	6 = pax! :60	प्रकार वर्ते के स्वर्	xe/5
		TOTAL = 5887	34 / 21 : 8	soup,	
1		C 80			

Kerne	Input	No of	Calculations	hang & Oulp	ut Branekus
	•			- St2	e and
1 ×1	224	32	ω: ₹x∃×3 ≈ 143		5 4736
- 4	x224×3		147 x 32 = 4704	× 32 224-7	
-1=	O		B: 1×32	(24 + 2(°) +1 = 55)
3×3	55×55		(55-3+2(0)+1= 27)	27 12	27
	x 32		2	× 32	2
3×3	27×27	9 64	W: 3×3×32 = 288	25 × 2	18496
	x32			× 60	
(= 3	= + (5) = 1	e Fa	B: 1×64 = 64 1 4 8	27-3+2(0	1)+1=25)
2 7 2	25 4 25	r r	25-3+2(0) (1)= 12)	12 × 12	CKS
3/2			2	×64	
 3x.3	12.872	128	W: 3×3×64= 576	10×10	73856
		,	576x 128 = 73728	×15.8	
()		7 = 35	B: 1×128 = 128	(12-3+2(0),	1 = 10)
	loxio	*** /	10-3+2(0) +1 =4		14-2
		22		×128	
	- 14 (1) · + .	2-45	4×4×128 = 2048	2048	
			N: 512 x 2048 = 104857	S 5 12 42	1049088
			B:(x5/2=5/2 = 5/2 = // 000=	8.81.4	
			W: 100 X S12 = 51200	100	51208
	1 1 2	7			
			TOTAL: 1197476		
	3×3 3×3	7×7 224 ×224×3 3×3 55×55 ×32 3×3 27×27 ×32 3×3 25×25 ×64 3×3 12×12 ×64 ×64	x 32 3×3 27×27 64 x 32 3×3 25×25 x 64 3×3 12×12 128 x 64 x 64	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3x3 25x25 25-3+2(0) 1 = 12 12 x 12

24.	Kerm	ef Input	Noof	Calculation	Output	Parameter
	11	ા કોટલ			Sire	100
11	Π×ιι	224 X	64	ω: 11×11×3 = 36'3	01× F01	7 23296
,		22413	1	363 x 64 = 123232	x 64	
50)	1.5	n 7 4 15 45		B: 1x64=64	$\left(\frac{224-11+2}{2}\right)$	(+1=107)
	3X3	F01x F01		(107-3+2(0)+1=53)	63 X 53	6.48.
		×64		2	× 64	
V. = -	5×s	53 <i>x 5</i> 3	12.8	W: 5x5x64= 1600 =	: 3 6 3 X 5 3 %	204928
		×64		1600×128 = 204800	×128	
(20	5 , 4	(P.S.48-3	£)	B : 1x128 = 128 : 1 : 6	(5 <u>3-5+2(2)</u> 1	53)
	3×3	<i>5</i> 3×53		53-3+2(0) +1=26	26 X 26	3 45
		X128		2	×128	
Es Mil	<i>3</i> ×3	26×26	256	W) 3×3×128 = 1152	26 x 26	295168
		X128		1152 x 256 = 294912	×256	
	1 = 1	1603645	, i	B: 1×256	$\left(\frac{26-3+2(1)}{1}+1=26\right)$	
	3×3	26X26	256	W: 3×3×256 = 2304	26 X 26 1/2	590080
		X256		23047256 = 689824	× 256	
		2 P		B: 1 x 256 = 256	$\left(26-3+2(1)+1=26\right)$	

	11			
.14	3×3 26×26 512	w:3x3x256 = 2304	26 X 26	1180160
	x 256	2304 × 512 = 1179648	X 512	
		B: 1×512	$\left(\frac{26-3+2(1)}{1}+1\right)$	
13	HA POLYTO	#11 . ATTE ()	28 100	i Tr
	8x3 2ex2e	(26-3+2(a)+1=12)	(2×12	
	x512	2 8 8 8 8 8 8	× 512	
	1,5 x 4,2	12×12×512 = 73728 101	73728	275
	- X8.	S	75 ×	
		W: 2048 x 7 3728 = 150994944	2048 15099699 2	15099692
	र । । इसम्ह	B: 1x2048 = 2048	A.S. IDVE	
	832	. AND A PROPERTY	-6 X	
	(45'=17'77'13-NS	W: 1024 × 2048 = 2097152	1024 2098136	2098176
		B: 1024 x1 = 1024		
	7.5 × 7.8	(89-2426) +1=27)	54.2 S c	24:
	£8.×	(): 10 x1024 = 10240	10	10250
	-	B : 1 × 10 = 10		
		15x 8 +51	2年4年 3年	Dug
		TOTAL = 155 39 9050	Sept.	
12.2	i faxan	ABB STAGE CONTROLLS		IAS -
	£5 x	ULP 3 NEA REA	*= E .**	
	(2 8 = 1 4, 7 E (6 - 7 E)	TE = THX (0		
- 11				

-						
5. 1	Kernel	Input 1	Voof	Calculation	Output Size	Parameter
- 11	Size	Size 1	sennels	TO SUCT SEPRES	814	
4	0:0		22 %	强, 是 3		
	777	224	32	W:7×7×3 = 147	109 X 109	4736
	,	× 224 x 3		147 832 = 4704	× 32 (224-7+2(°)+)=1	200
		5 2		B: 1×32 = 32	(2 2) = 1	09)
	0 ==	Inner		(109-2+2(0)+1=54)	54×54	
	2×2	POIXPOI		2	X 32	
	\	X 32				
		Sure of		021 art 31 = 201 E # 5 01 E 5 10	54 X 5 4	25632
	5×5	54 ×54	32	W:5x5x32= 800	x32	
	-	X32		800 x 32 = 25600	(54-5+2(2)+1=54)	411
409		eff. To:		B: (x32 = 32 x / 10)		
				120 120 1 E		
	2X2	54x54		(54-2+2(b) +1= 27)	27 X 27	
5 d'		X 32	le .	2 0 15 15 15 15 15 15 15 15 15 15 15 15 15	×32	(43)
				Gi - cheki a		
	3K3	27427	31	27-3+2(y)		
		X.82		V = 700 = 100 5T	231	
				# 70000000 0 property 2 =		
	8×3	24 × 27	32	W: 3x3x32=288	27×27	9248
		X32		288 x32 = 9216	× 32	
				B:1x32 = 32	$\left(2\frac{7-3+2}{1}\right)^{1}+1=27$	
	2X2	2 1 x27		(27-2+2(0)+1=13)	13×13	
		x32		2	x32	#£
	3x3	13713	32	W: 3×3×32 = 288	13713	9248
		x 32		288 × 32 = 9216	×32	
				B:1x32 = 32	$\left(\frac{13-3+2(1)}{1}+1=13\right)$	

2×2 (3 × 13	(13-2+2(0)+1=6)	6× 6	
X32	2	¥ 32	Li-
	6×6×32 = 1152	1152	
	. ,		
	W: 1024X 1152 = 1179648	1024	1180672
	B: 1x1024 = 1024		
	W: 10×1024 = 10240	10	10250
	B: (X10 = 10		!
	TOTAL = 1239786		
			<u>'</u>