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mother : pengolahan Cita

Keins: TI-2B

HIM : 4.33 -22 -1.06.

Tugas konvolusi

1.

dongan kernel: -1 2 -1

*
$$h(0,1) = 1 = 15 = 14$$

= -2 + 30 - 14
= 7

$$h(0,2) = 15 14 14$$

= -15 + 18 - 14
= -1

$$h(0,5) = 14 | 14 |$$

= -14 + 28 - 1
= 15

*h
$$(0,4) = 14 | 11$$

= -14 +2 -11
= -23

$$4h(0,s)=1$$
 | 1 | 13
= -1 +22 - 13
= 8

$$*h(0,6)=11$$
 13 2
= -11 + 26 - 9
= 13

*
$$h(0,0) = 2 \cdot 10 \cdot 6$$

= -2 + 20 - 6
= 12

*
$$h(0,10) = 10 6 10$$

= $-10 + 12 - 10$
= -8
* $h(0,11) = 6 10 12$
= $-6 + 20 - 12$
= 2

*
$$h(0,12) = 10 \cdot 12 \cdot 1$$

= -10 + 24 - 1
= 13.

_							
3	11	lo	12	4	3	3	11
D	7	C	13	2	12	14	2
4	1	14	8	8	7	4	1
12	8	4	5	1	13	12	10
12	2	4	10	13	15	2	3
4	5	13	12	D	2	15	8
5	2	13	8	2	11	O	1
: 2	3	12	11	2	1	10	2
4	2	5	15	0	3	5	12

hasil

1110							
0	0	0	0	0	0	0	0
0	111	152	144	114	110	128	0
0	124	143	125	111	139	143	0
0	137	119	105	122	128	170	0
0	132	118	126	136	153	149	V
O	117	149	142	102	llo	120	0
O	100	123	135	76	81	94	U
O	103	146	ાં ઉદ્ય	73	63	27	U
0	0	0	0	0	O	0	0

dengan kernel:

1	2	1
2	4	2
١	2	1

$$\frac{=-143}{4h(1,1)} = 3(1) + 11(2) + 10(1) + 0(2) + 7(4) + 6(2) + 4(1) + 9(2) + 14(1)$$

$$= 111$$

*h(1,2) =
$$\frac{1}{1}$$
 (1) + $\frac{10(2)}{1}$ + $\frac{12(1)}{1}$ + $\frac{7}{2}$ + 6 (4) + $\frac{13(2)}{1}$ + $\frac{9}{1}$ (1) + $\frac{14}{2}$ + $\frac{9}{1}$ + $\frac{14}{2}$ (2) + $\frac{1}{2}$ (4) + $\frac{1}{2}$ (2) + $\frac{1}{2}$ (1) + $\frac{1}{2}$ (2) + $\frac{1}{2}$ (4) + $\frac{1}{2}$ (1) + $\frac{1}{2}$ (2) + $\frac{1}{2}$ (1) + $\frac{1}$

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*h(2,5) = 2(1) + 12(2) + 14(1) + 8(2) + 7(4) +
            4(2) + 1(1) + 13(2) + 15(1)
         = 134
* h (2,6) = 12 (1) + 14 (2) + 2 (1) + 7 (2) + $ (4) +
           1 (2) + 13 (1) + 15 (2) +10 (1)
         = 143
*h(3,1) = 4(1) + n(2) + 14(1) + 12(2) + 8(4) +
           4 (2) + 15 (1) + 1 (2) + (4 (1)
         - 137
* h (3,2) = 1(1) + 14(2) + 8(1) + 8(2) + 4(4) +
           5 (2) +0(1) + 4 (2) + 10 (1)
         = 114
* h (3,3) = 14 (1) + 8(2) + 8(1) + 4(2) + 5 (4)4
           1 (2) + 4(1) + 10(2) + 13(1)
         - 105
*h(3,4)=8(1)+8(2)+7(1)+5(2)+1(4)+
           13(2) + 10(1) + 13(2) + 15(1)
         = 122
* h (3,5) = 8 (1) + 7(2)+ 4(1) + 1 (2)+ 13(4) +
          15(2)+13(1)+15(2)+5(1)
         = 158
* h (3,6) = 7 (1) + 4(2) + 3(1) + 13(2) + 15(4) +
          16(2) + 15(1) + 5(2) + 3(1)
         = 170
米り(4,1)=12(1)+8(2)+4(1)+15(2)+9(4)+
           4(2)+6(1)+5(2)+13(1)
         = 135
* h (4,2) = 8 (1) + 4(2) + 5(1) + 9(2) + 4(4) +
           10(2)+5(1)+13(2)+12(1)
          = 118
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*h(4,3) = 4(1) + 5(2) + 1(1) + 4(2) + 10(4) +
            13(2)+13(1)+12(2)+0(1)
          = 126
 * h (4,4) = 5 (1) + 1 (2) + 13 (1) + 10 (2) + 13 (4) +
            45 (2)+12(1)+0(2)+2(1)
          = 136
 * h (4,5) = 1 (1) + 13 (2) + 15(1) + 13 (2) + 15(4) +
            5(2)+0(1)+2(2)+15(1)
           = 153
 * h (4,6) = 13 (1) + 15 (2) + 10(1) + 15 (2) +5 (4) +
            3(2)+2(1)+15(2)+8(1)
           = 140
* h (5,1) = 15 (1) + 1 (2) + 4 (1) + 6 (2) + 5 (4) +
            13(2)+5(1)+2(2)+13(1)
           = 117
* h (5,2) = 1 (1) + 4 (2) + 10 (1) + 5(2) + 13(4) +
           12 (2)+2(1) + 13(2)+8(1)
           =149
* h (8,3) = 4 (1) + 10(2) + 13(1) + 13(2) + 12(4) +
            0(2)+13(1)+8(2)+2(1)
           = 142
*h (5,4) = 10 (1) + 13(2) + 15(1) + 12(2) + 0 (4) +
            2(2) + 8(1) + 2(2) + 11(1)
          = 102
*h(5,5) = 13(1) + 15(2) + 5(1) + 0(2) + 2(4) +
          15 (2) + 2 (1) + 11 (2) + 0 (1)
          = 110
*h(5,6) = |T(1) + 5(2) + 3(1) + 2(2) + |5(4)|
           B(2)+11(1)+0(2)+1(1)
         = 120
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*h(6,1) = 6(1) + 5(2) + 13(1) + 5(2) + 2(4) +
          13(2) +0(1)+3(2)+12(1)
        = 100
*h (6,2) = 5(1) + 13(2) + 12(1) + 2(2) + 13(4) +.
          8 (2) + 3 (1) + 12 (2) + 11 (1)
        = 153
*h(6,3) = 13(1)+12(2)+0(1)+13(2)+8(4)+
          2(2)+12(1)+11(2)+2(1)
         = 135
*h(6,4) = 12(1) + 0(2) + 2(1) + 8(2) + 2(4) +
          11(2)+11(1)+2(2)+1(1)
        = 76
*h(65) = 0(1) + 2(2) + 15(1) + 2(2) + 11(4) +
          0(2)+2(1)+1(2)+10(1)
        = 81
*h (6,6) = 2 (1) + 15 (2) +8 (1) + 11 (2) + 0 (4) +
          1 (2) + 1 (1) 4 10 (2) + 9 (1)
        = 14
*h(1/1)=5(1)+2(2)+13(1)+0(2)+3(4)+
         12(2)+4(1)+1(2)+5(1)
        = 103
*h(7,2) = 2(1) + 13(2) + 8(1) + 3(2) + 12(4) +
          11 (2) + 0 (1) + 5 (2) + 15 (1)
       = 146
*h (7,3)=13 (1) + B(2) + 2(1) + 12(2)+11(4)+
          2 (2) +5(1) + 15(2) +0(1)
        = 138
*h(7,4)= B(1) + 2(2) + 11(1) + 11(2) + 2(9) +
          1 (2) + 15(1) + 0(2) + 3(1)
        = 73
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$$4h(7,5) = 2(1) + 11(2) + 0(1) + 2(2) + 1(4) + 10(2) + 0(1) + 3(2) + 5(1)$$

$$= 63$$

$$4h(7,6) = 11(1) + 0(2) + 1(1) + 1(2) + 10(4) + 0(2) + 5(1) + 5(2) + 12(1)$$

$$= 97$$