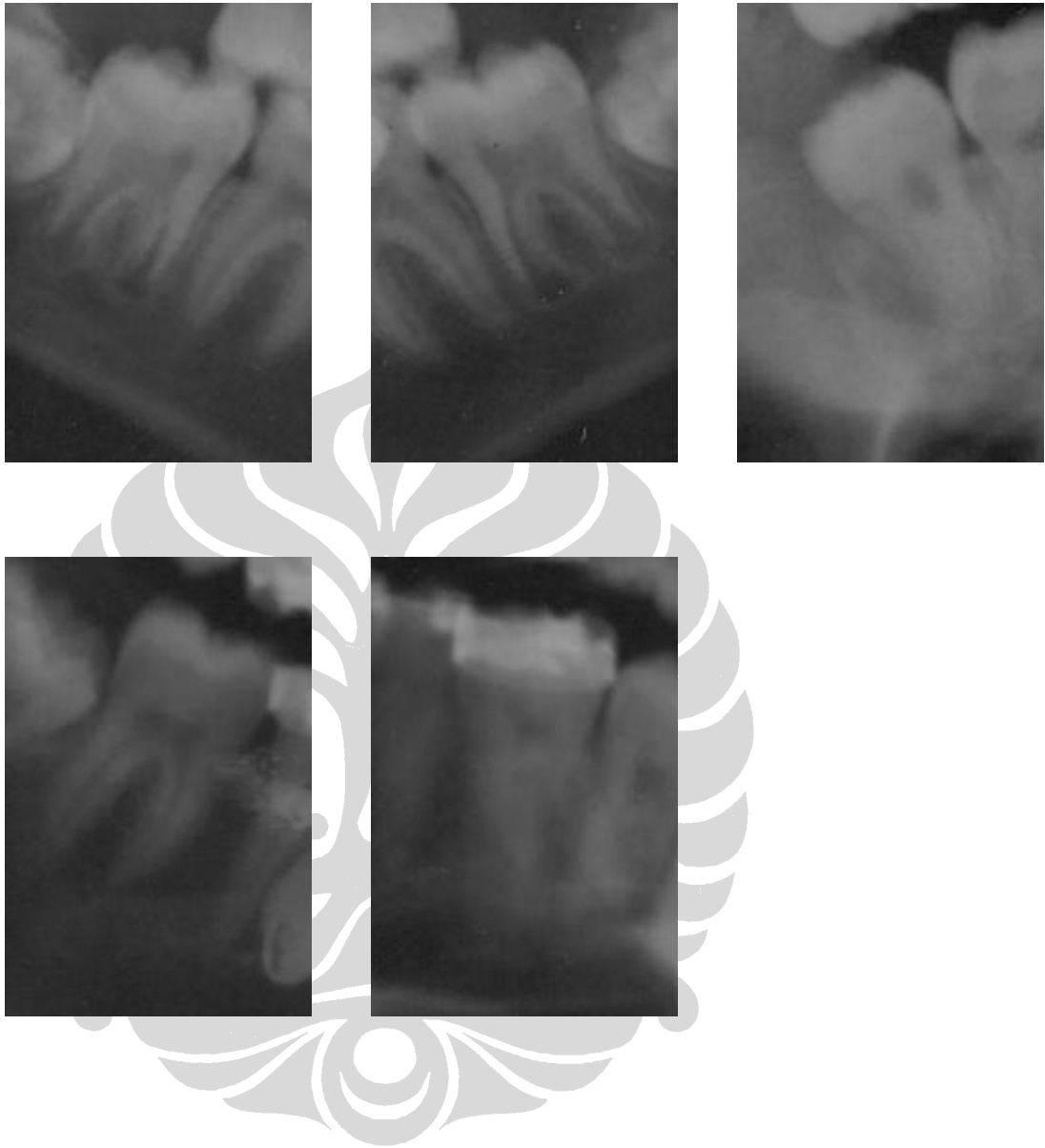


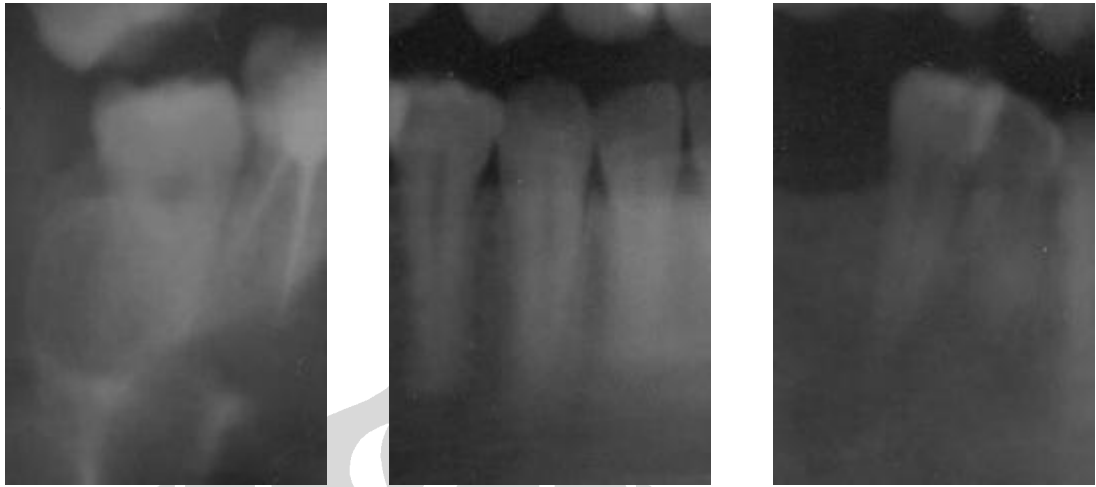
**LAMPIRAN A – CITRA YANG DIGUNAKAN PADA UJI COBA**



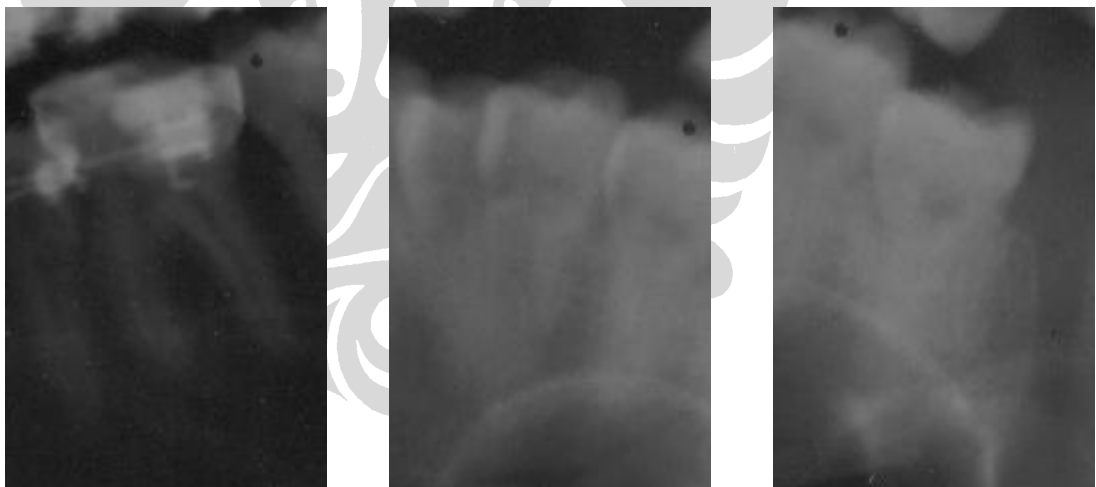
## Kelompok Citra Dengan Kualitas Sedang

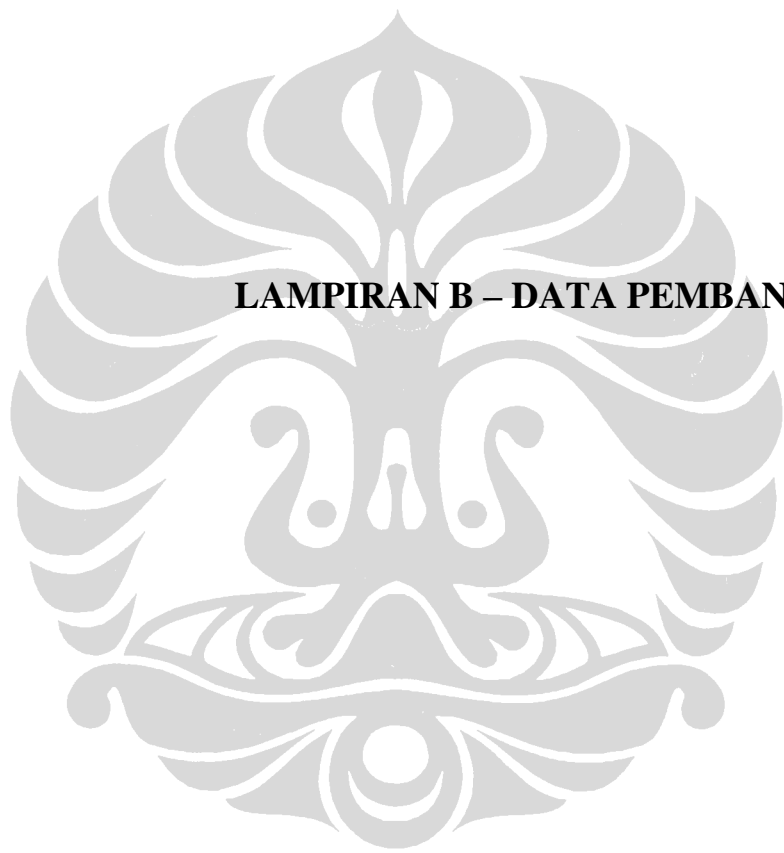


**Kelompok Citra Dengan Kualitas Buruk**



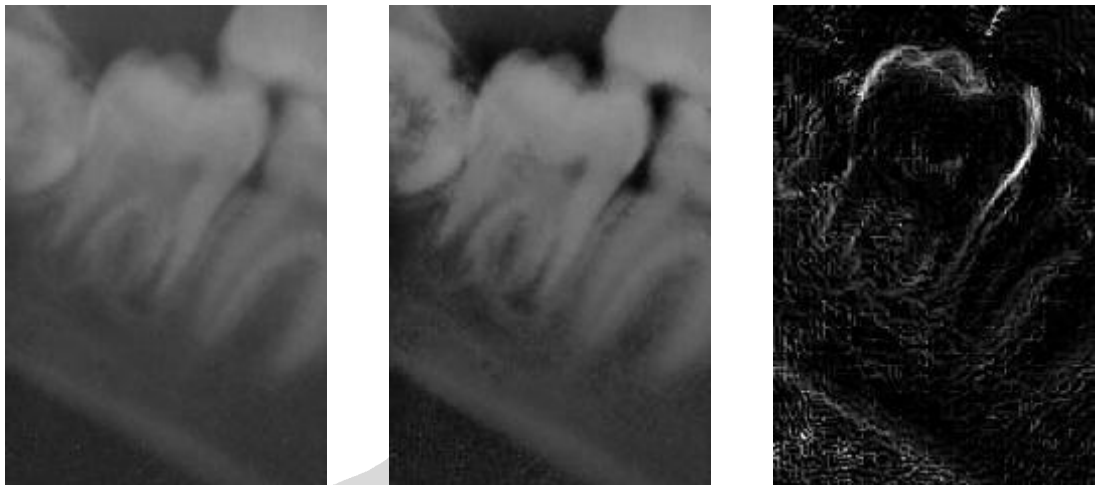
**Kelompok Citra Dengan Kualitas Sangat Buruk**





**LAMPIRAN B – DATA PEMBANDING**

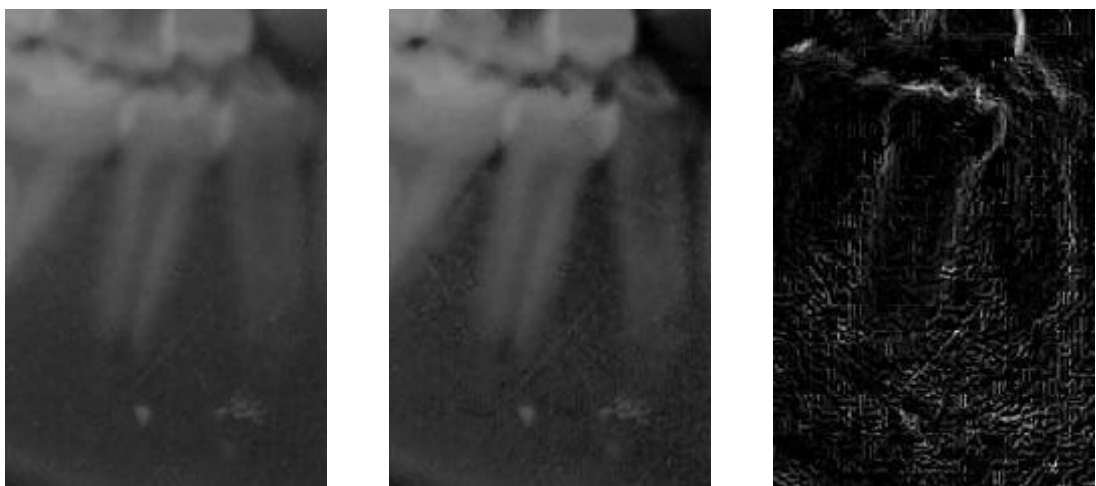
**Citra 1**



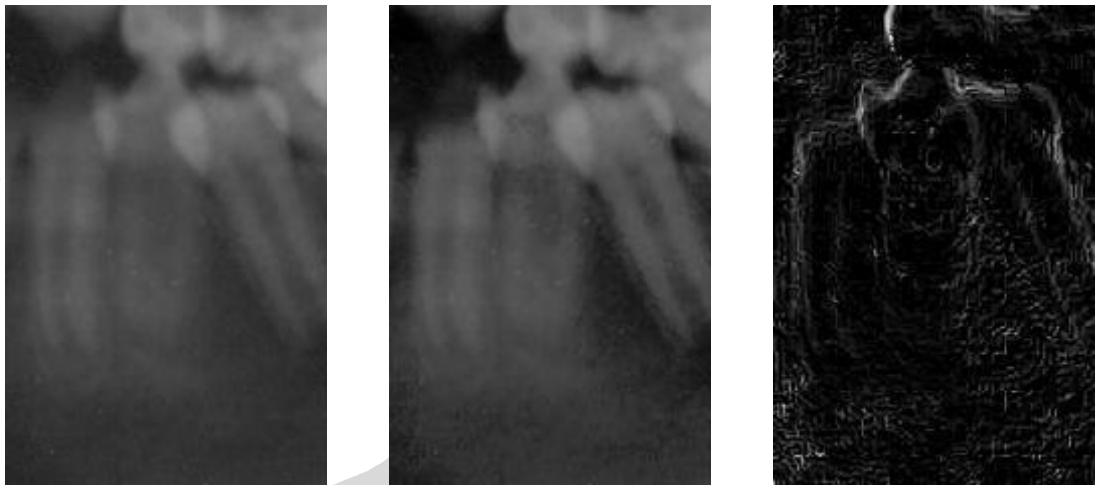
**Citra 2**



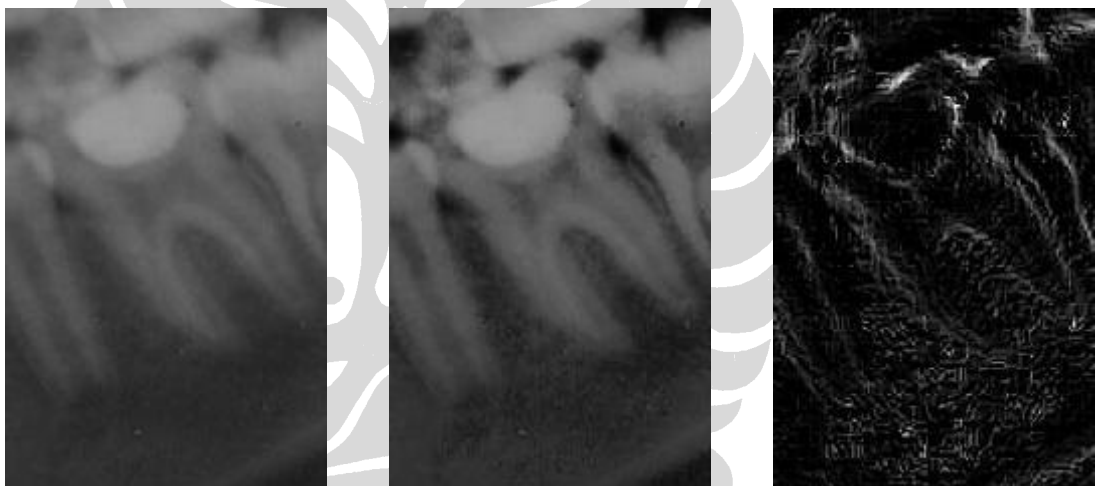
**Citra 3**



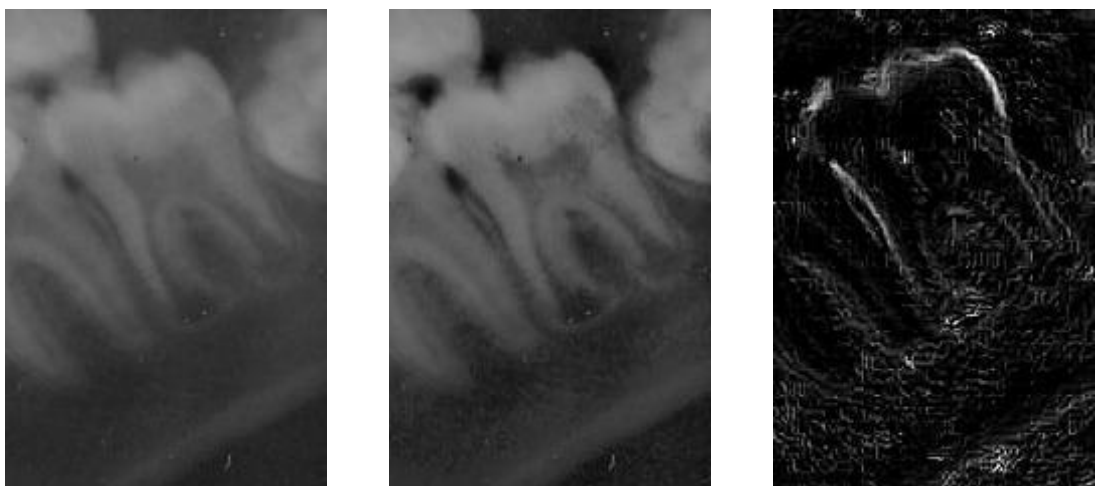
**Citra 4**



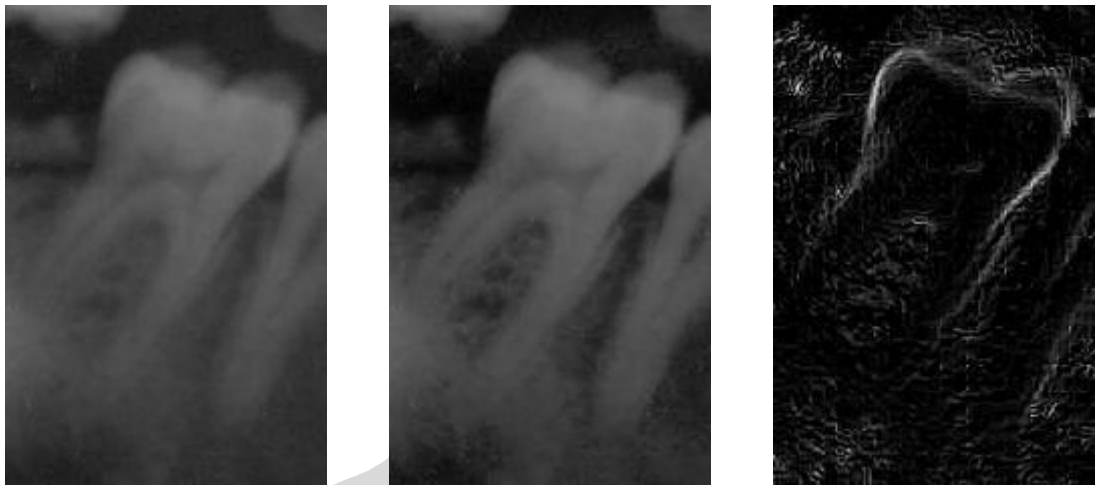
**Citra 5**



**Citra 6**



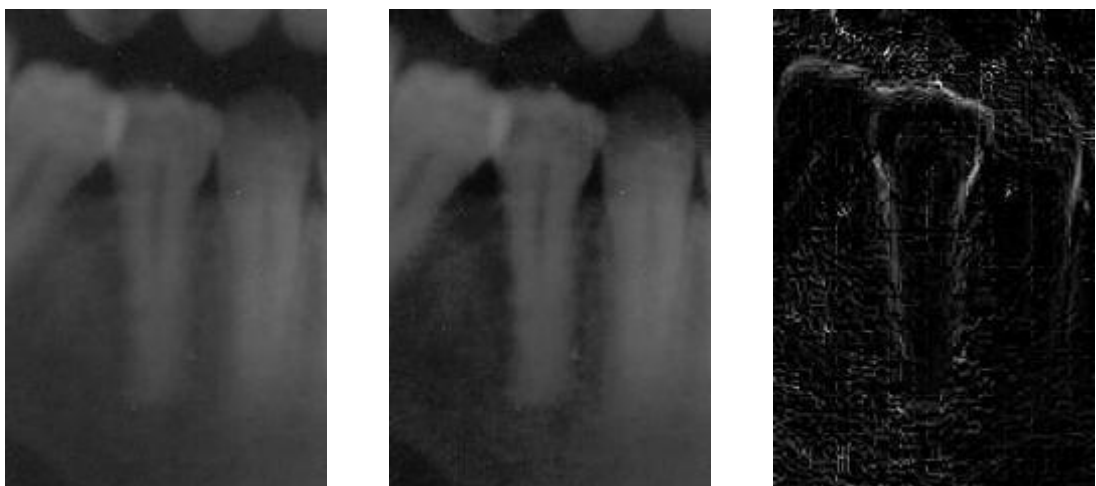
**Citra 7**



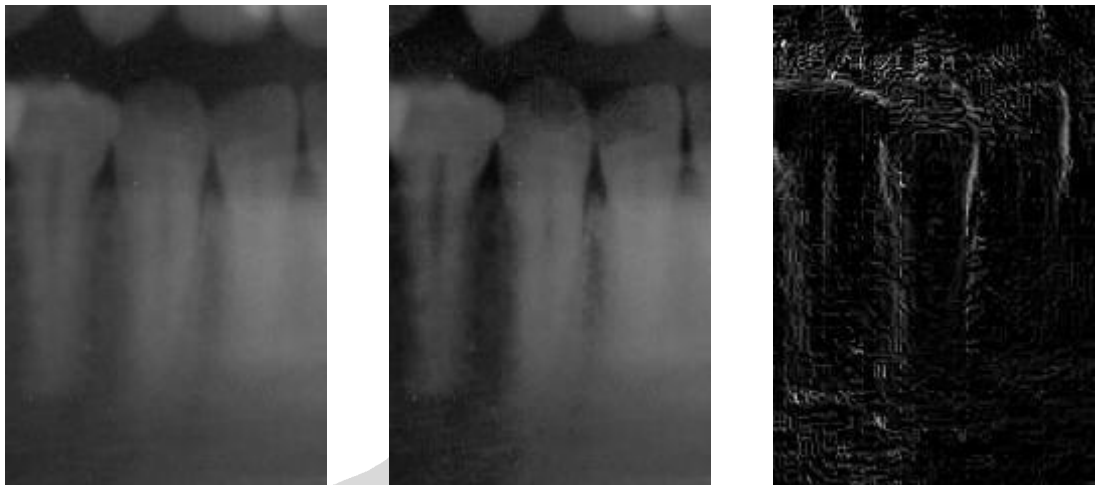
**Citra 8**



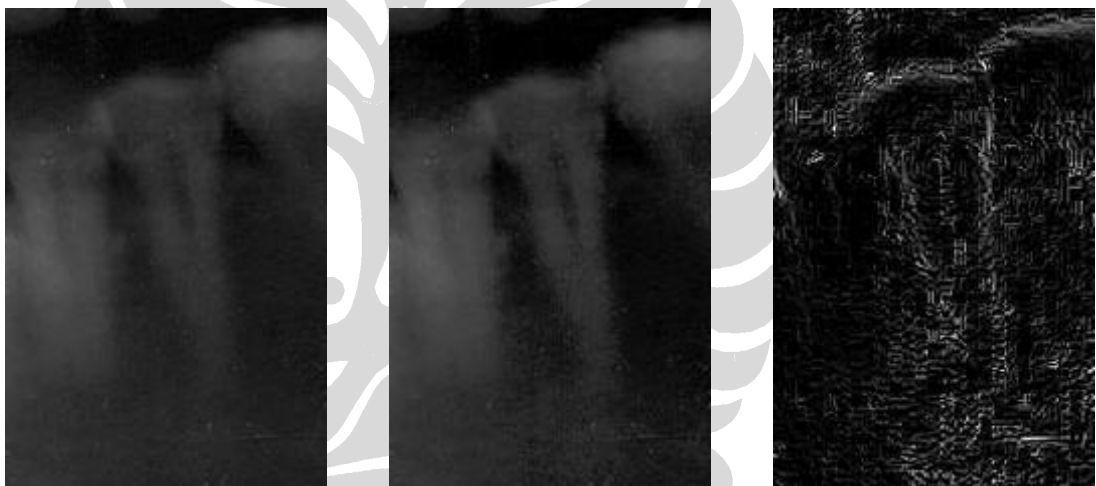
**Citra 9**



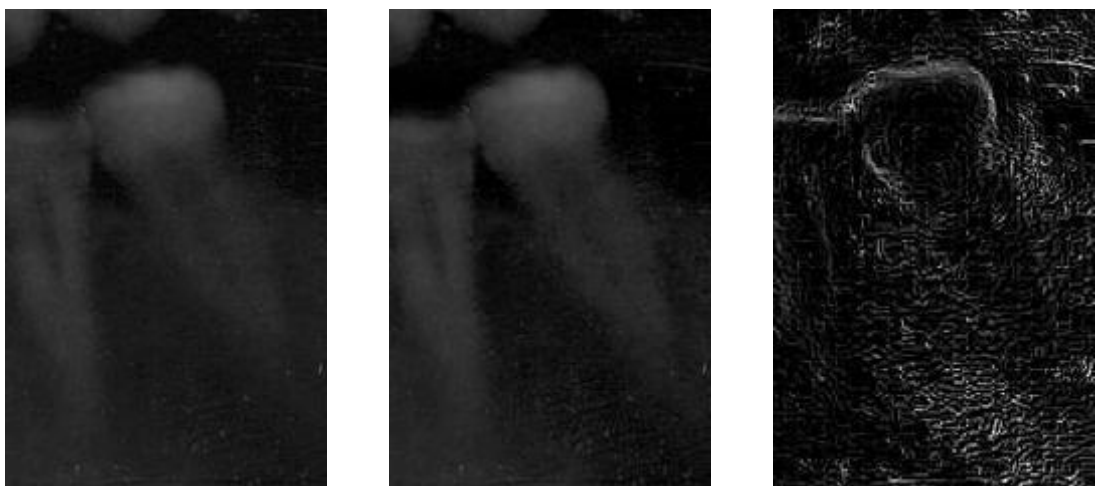
**Citra 10**



**Citra 11**

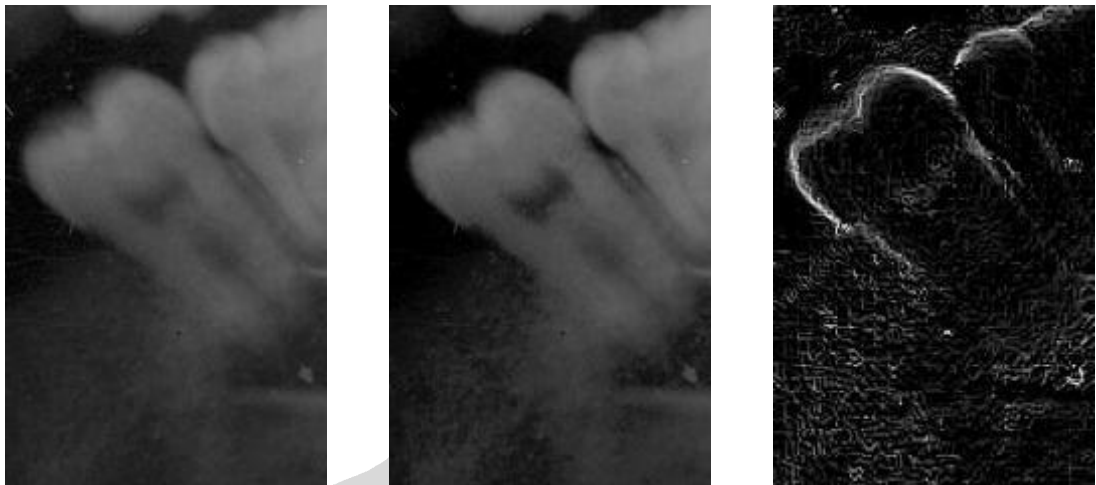


**Citra 12**

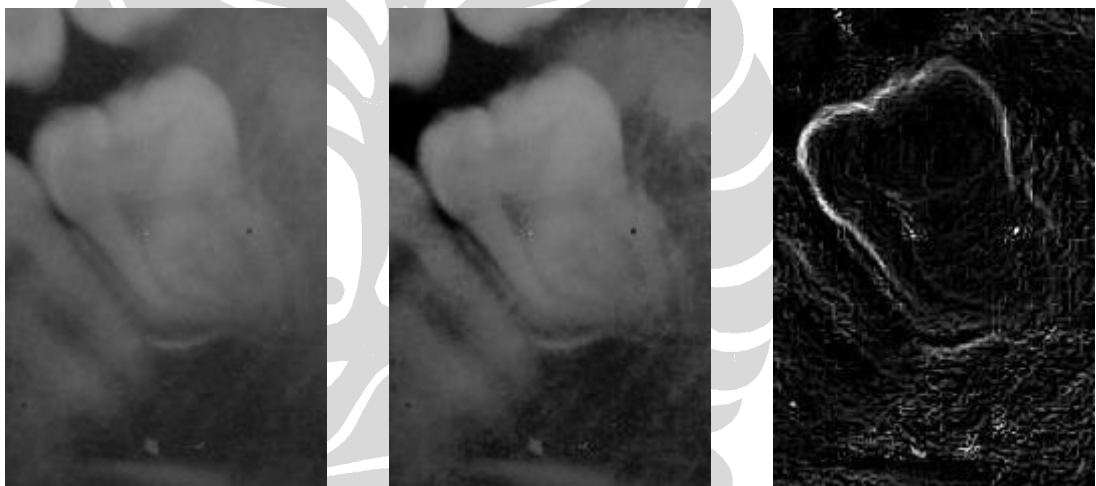




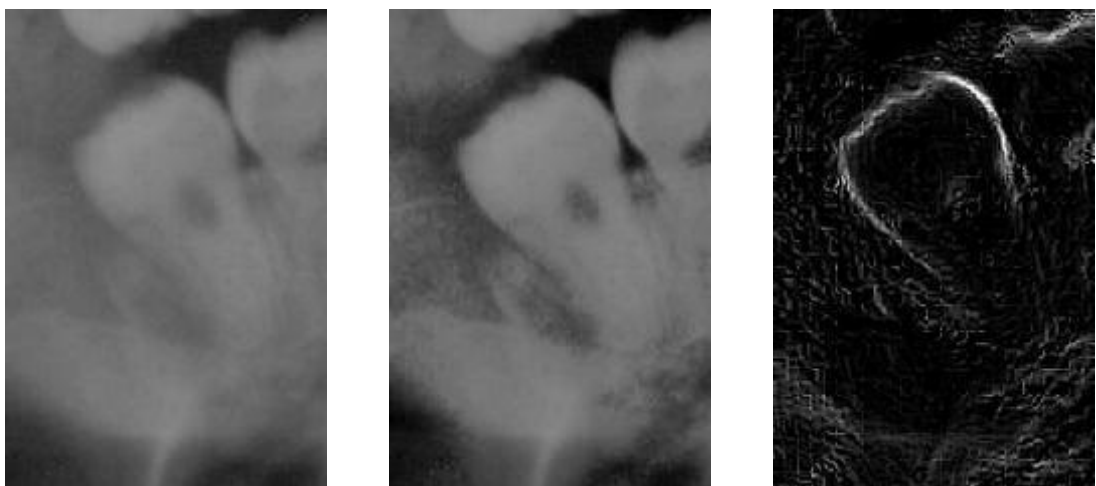
**Citra 13**



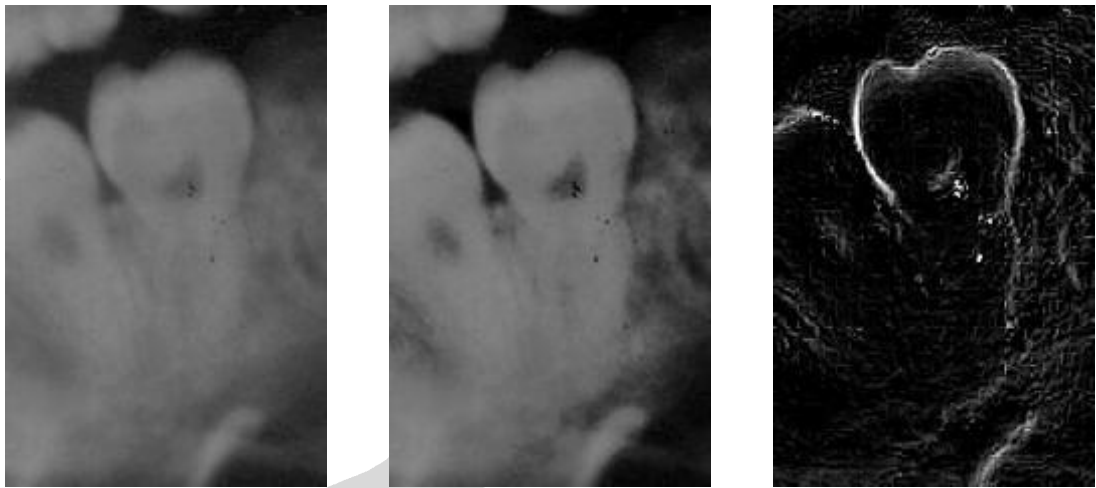
**Citra 14**



**Citra 15**



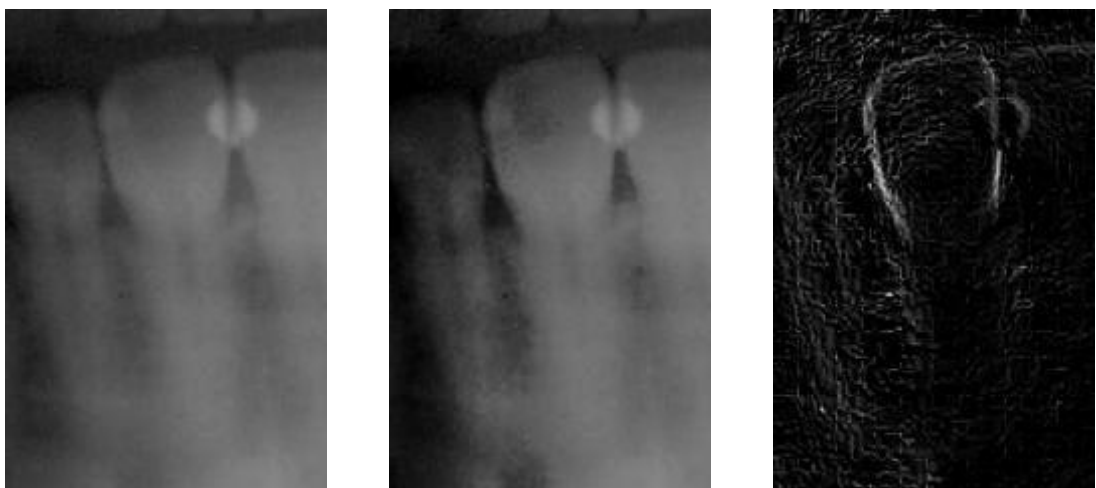
**Citra 16**



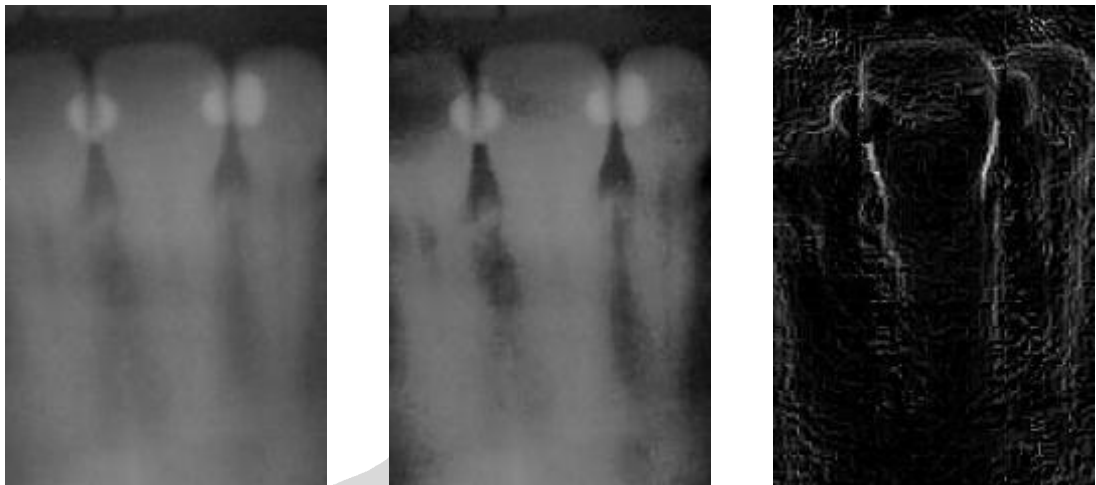
**Citra 17**



**Citra 18**



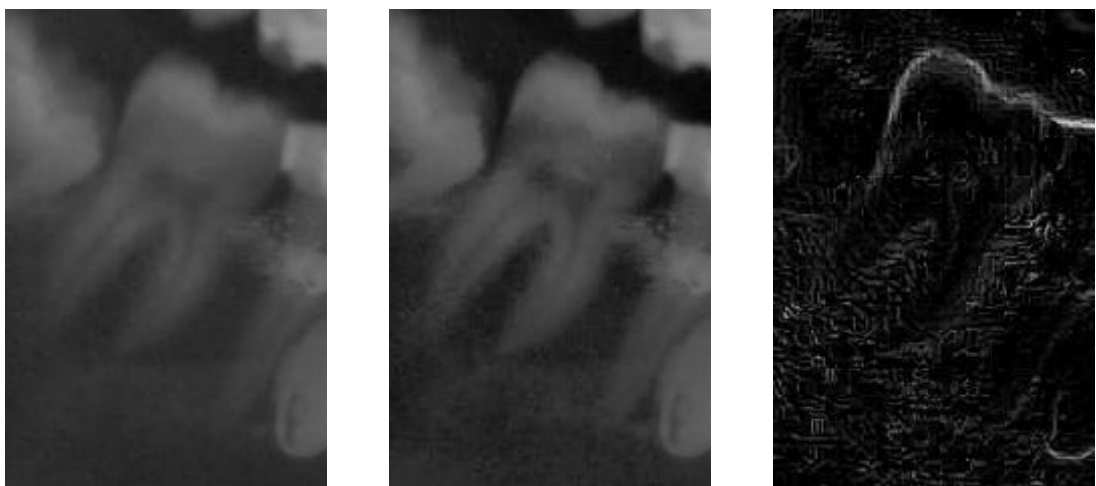
**Citra 19**



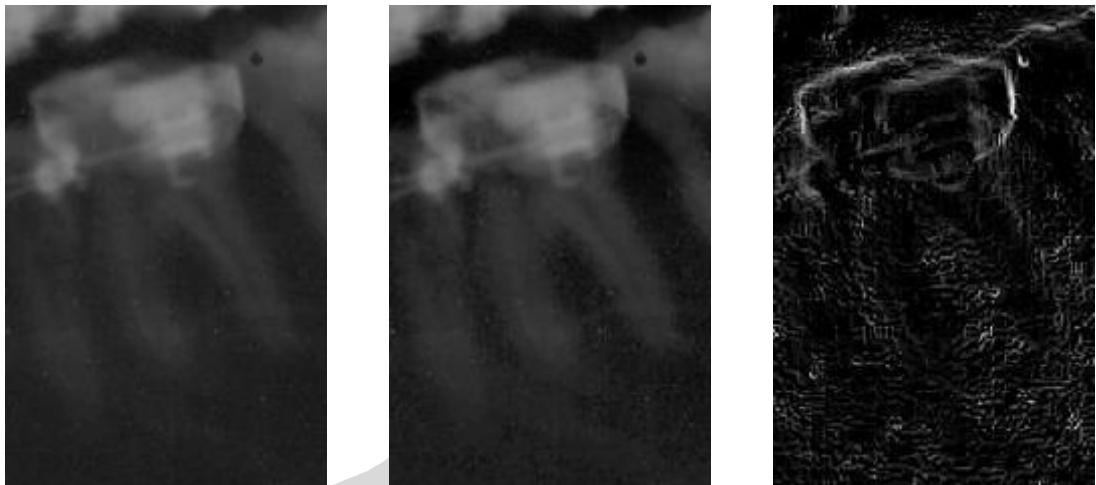
**Citra 20**



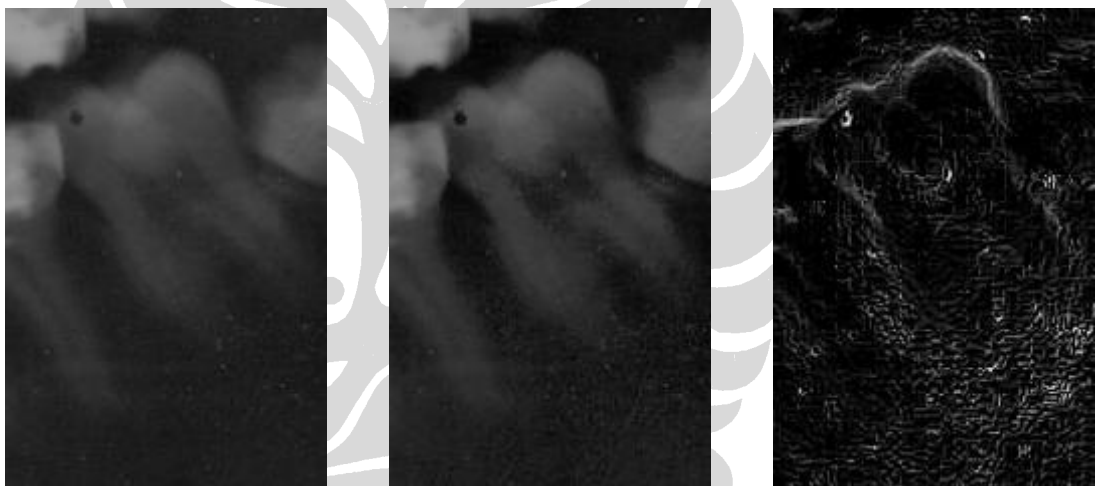
**Citra 21**



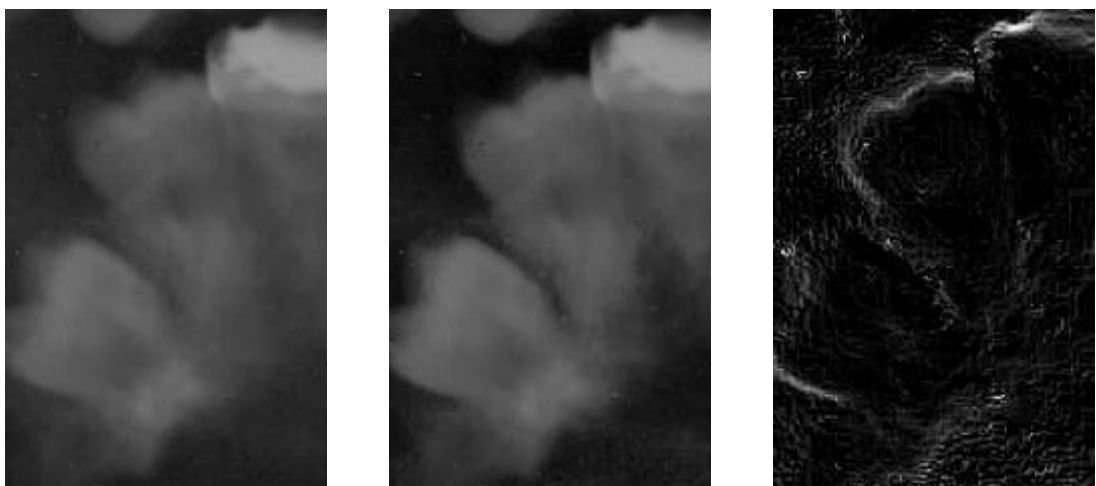
**Citra 22**



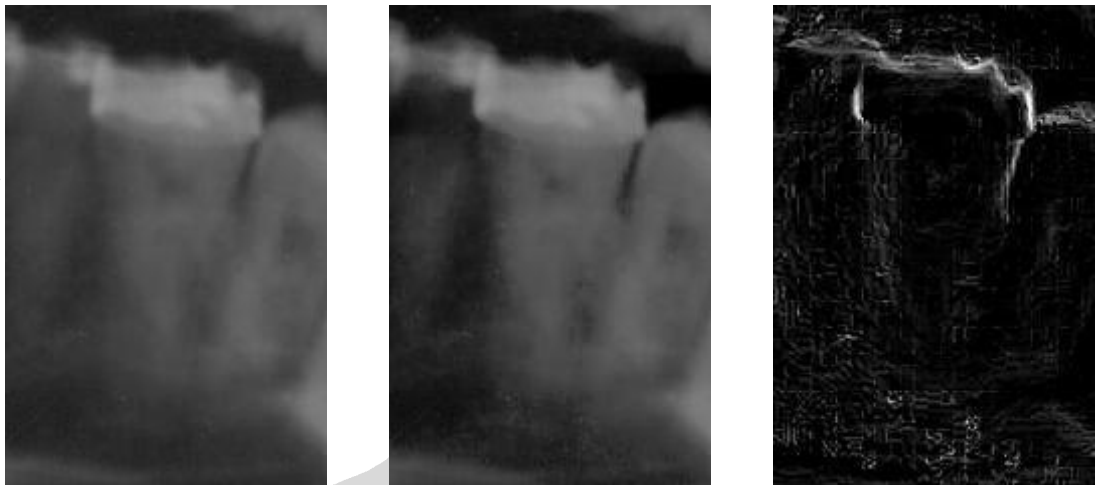
**Citra 23**



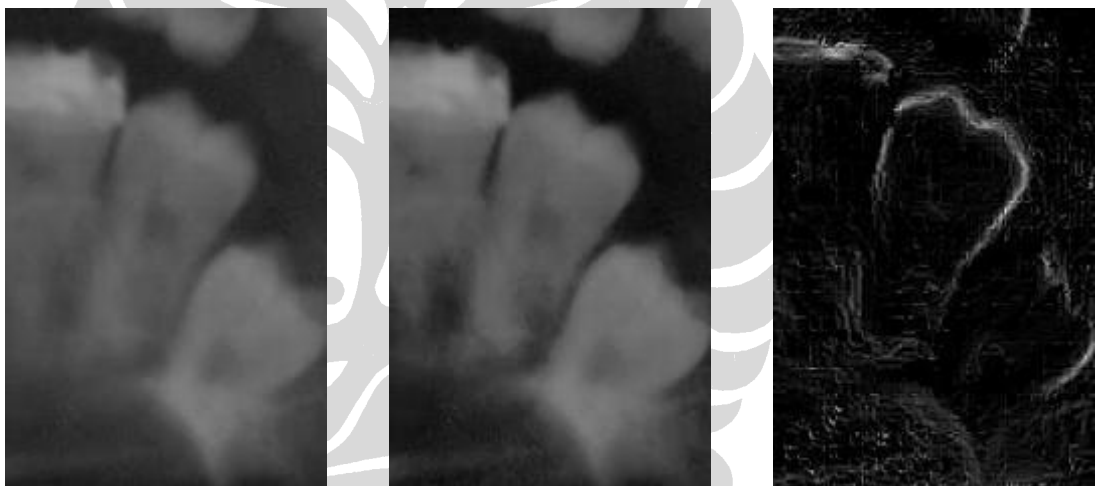
**Citra 24**



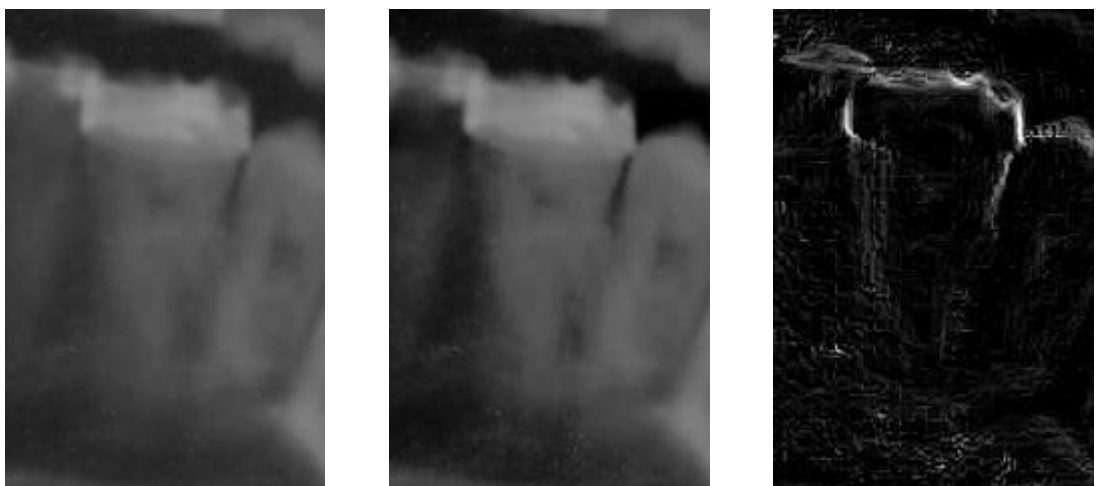
**Citra 25**



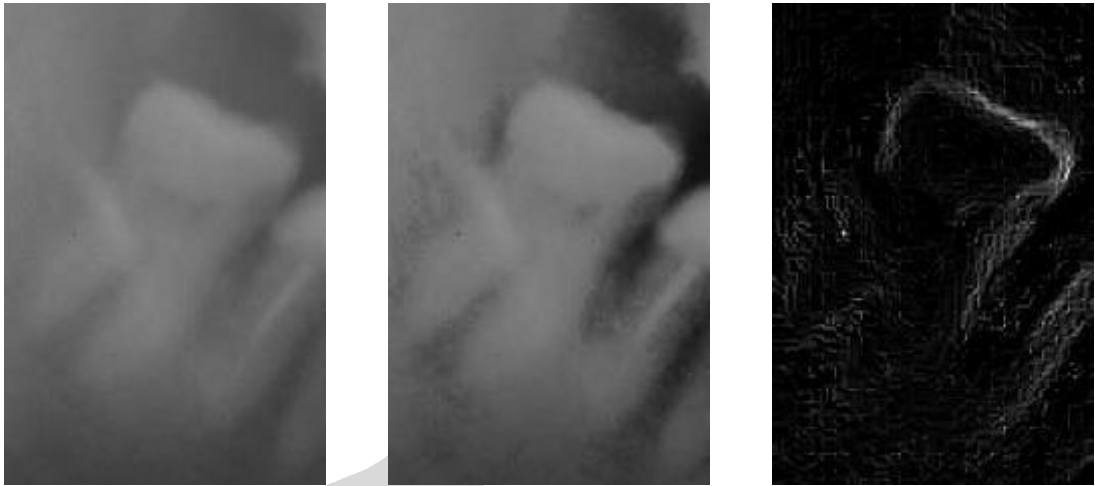
**Citra 26**



**Citra 27**



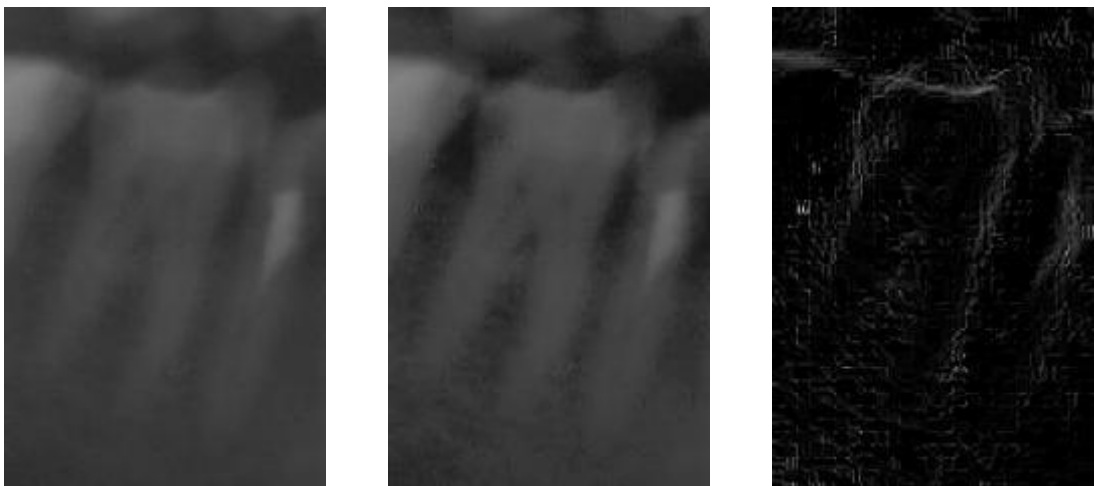
**Citra 28**



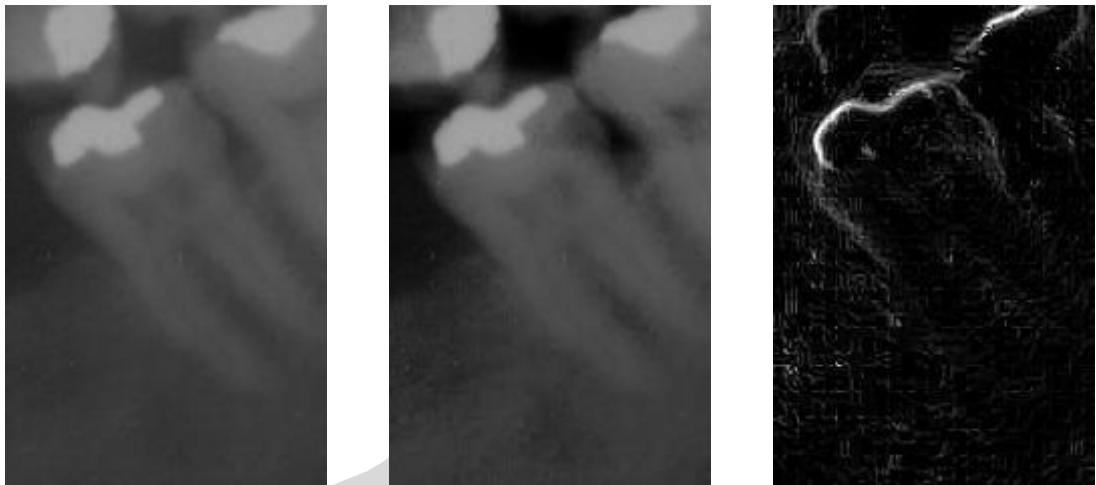
**Citra 29**



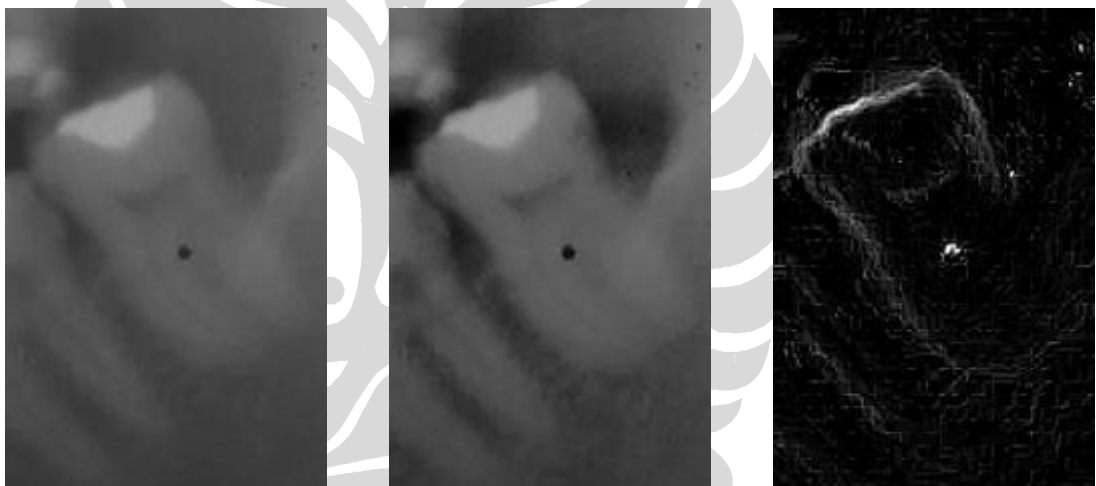
**Citra 30**



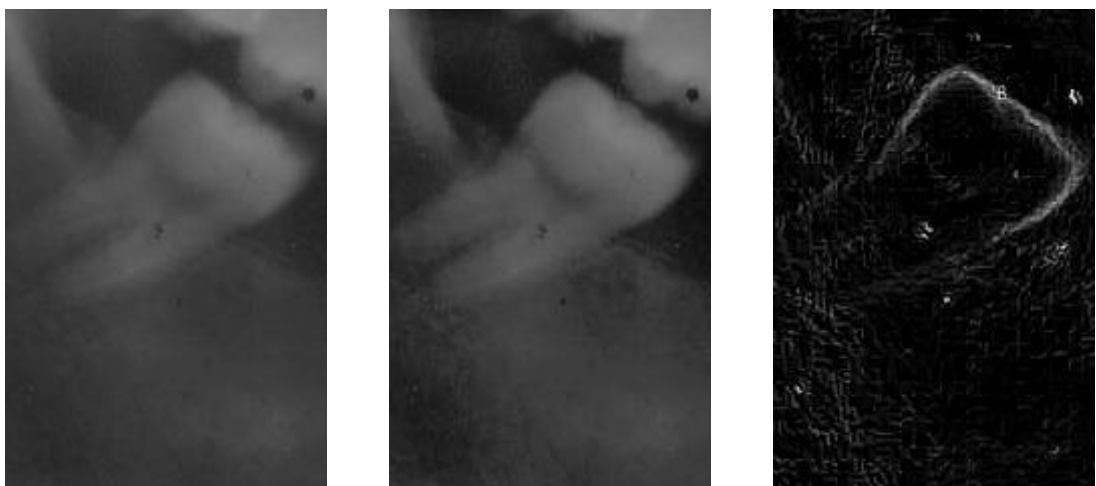
**Citra 31**



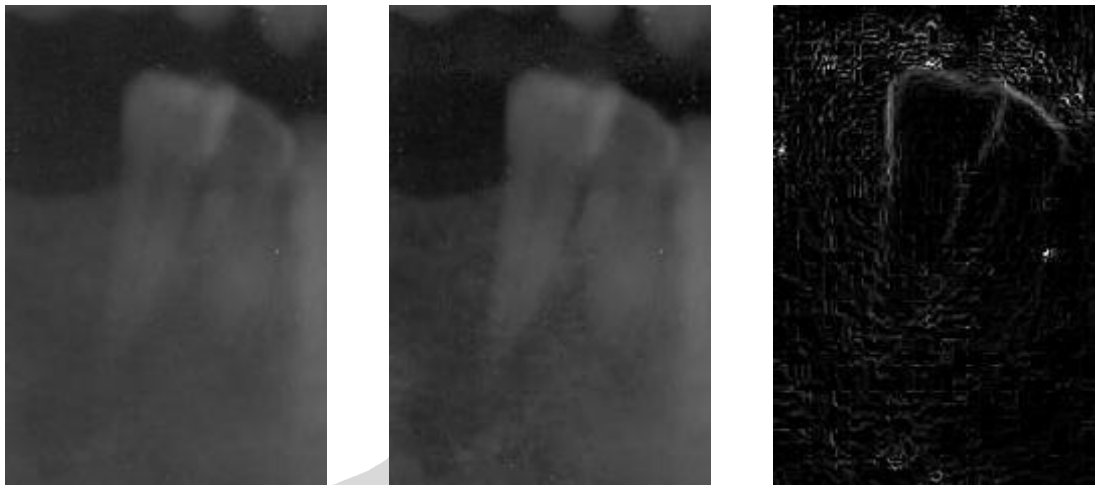
**Citra 32**



**Citra 33**



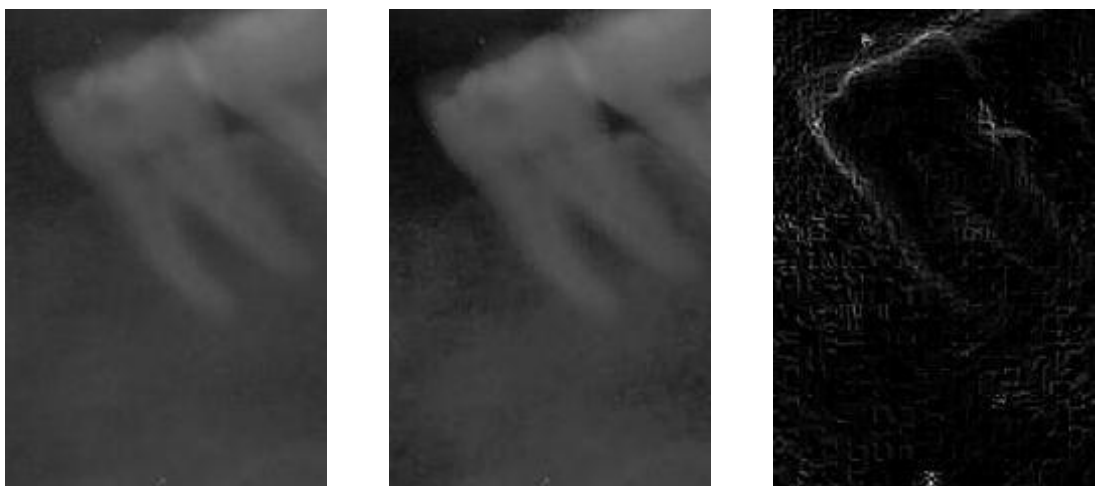
**Citra 34**



**Citra 35**

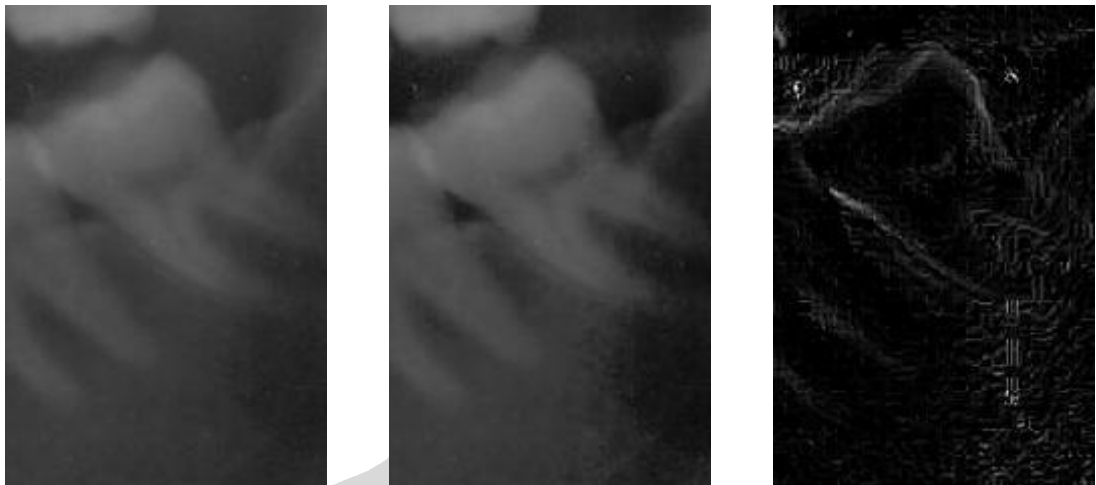


**Citra36**

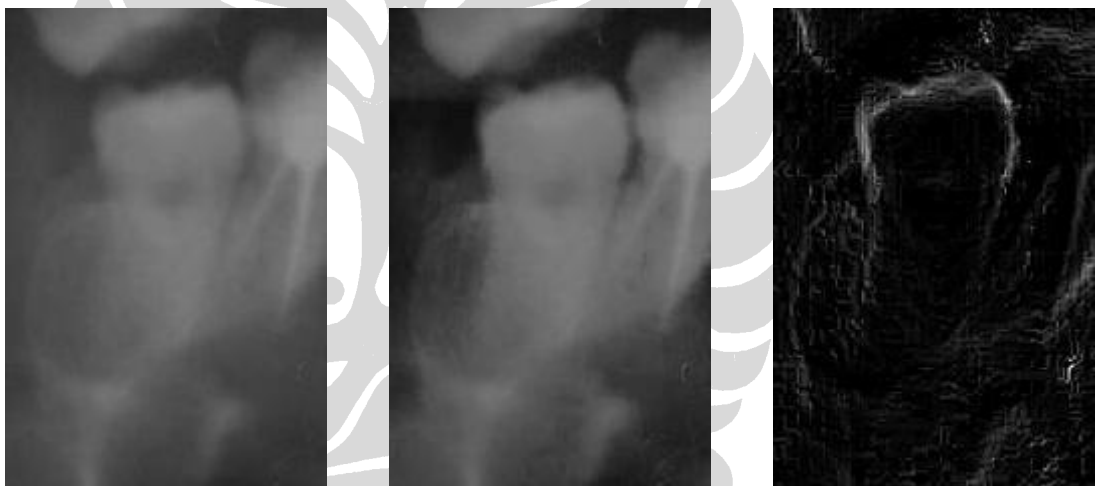




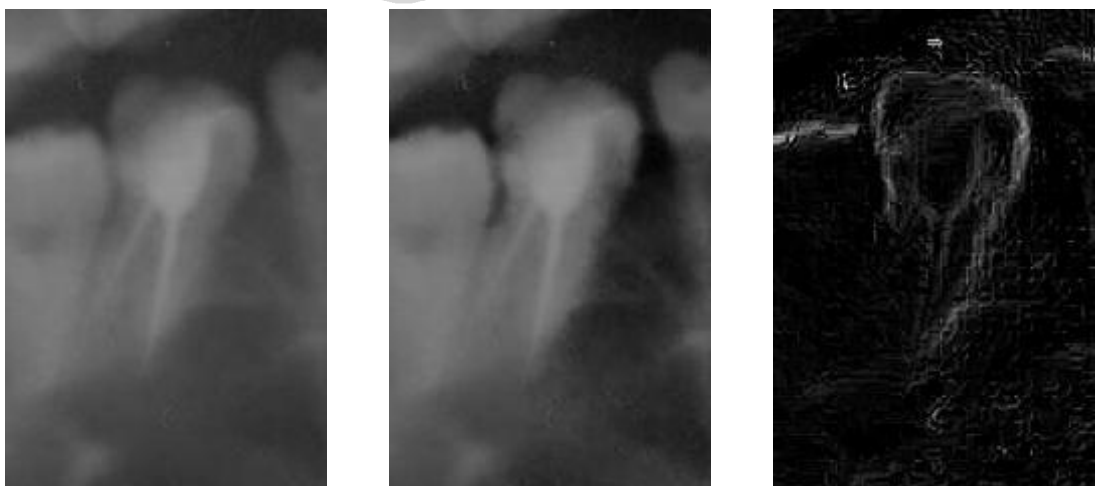
**Citra 37**



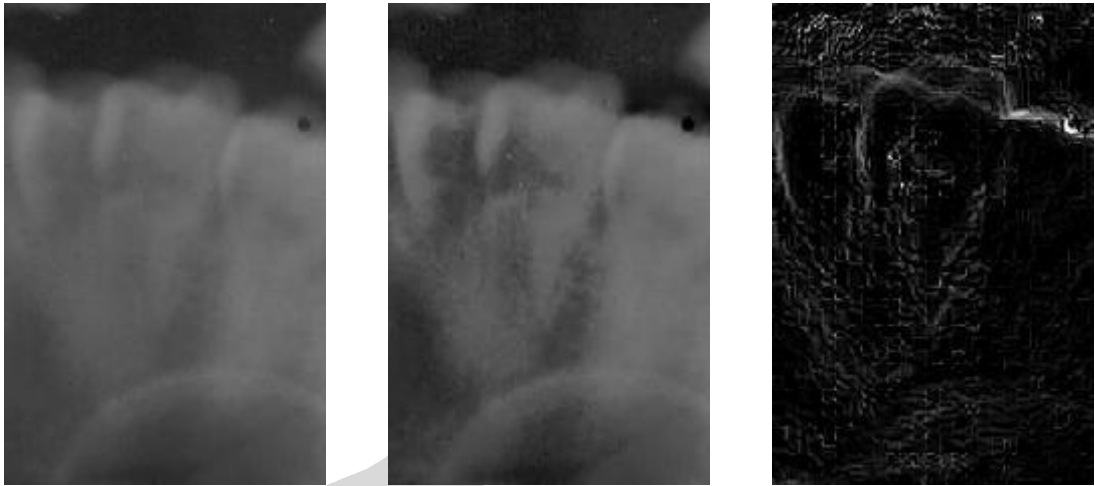
**Citra 38**



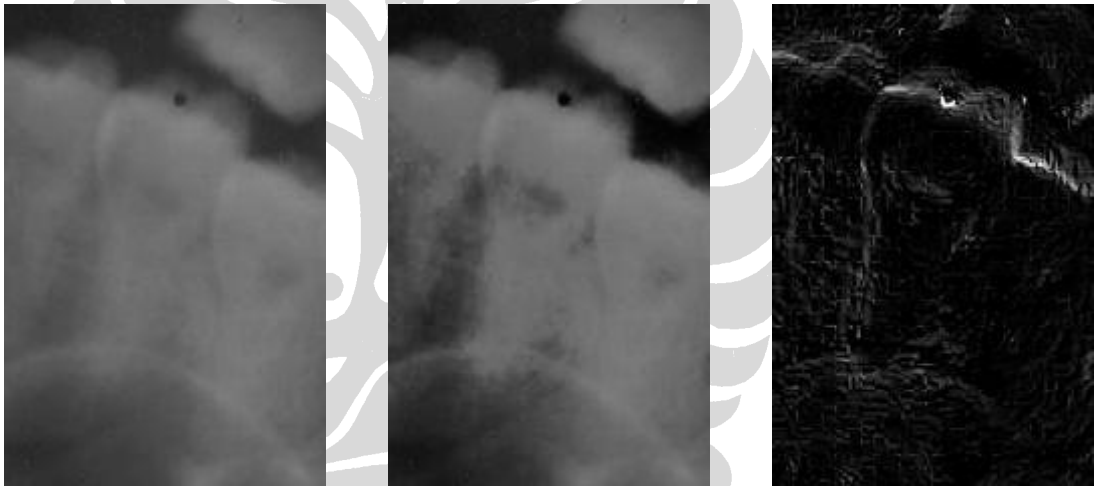
**Citra39**



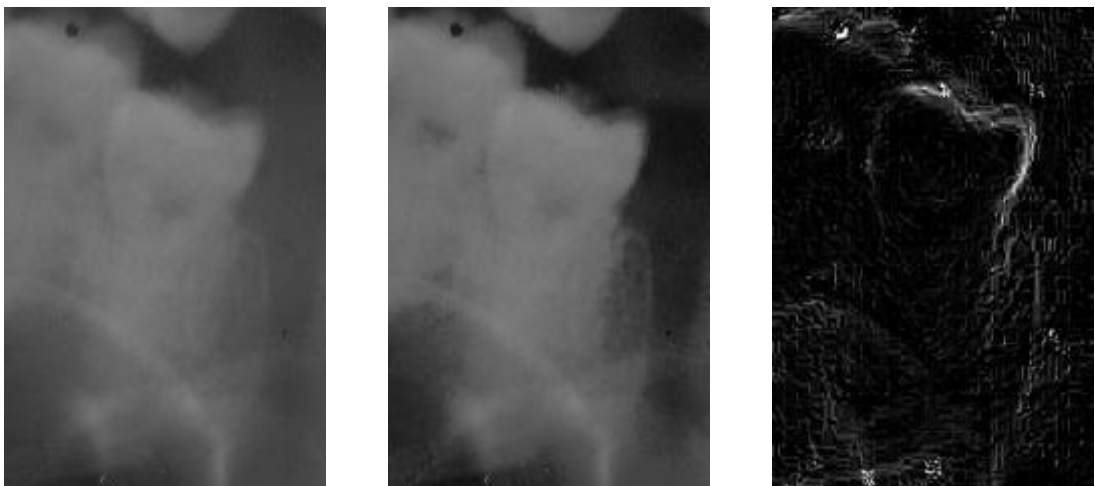
**Citra 40**



**Citra 41**



**Citra 42**





**LAMPIRAN C – HASIL UJI COBA**

Citra 1 Metode Lama		
Urutan	Citra	Penyimpangan
1	21	5614
2	29	5769
3	1	6830
4	30	9029
5	31	9552
6	7	9878
7	26	10517
8	2	11400
9	41	11488
10	8	11526
11	38	11834
12	27	12820
13	20	12962
14	42	13005
15	39	13302
16	28	13357
17	40	14160
18	25	14240
19	22	15133
20	34	15770
21	23	15803
22	10	16180
23	4	16184
24	19	16330
25	9	16588
26	33	16776
27	13	16994
28	3	17152
29	17	17604
30	37	18767
31	24	19287
32	11	19542
33	35	19568
34	16	20169
35	18	20448
36	14	20551
37	32	20901
38	36	21510
39	15	23349
40	12	24963
41	6	25801
42	5	27673

Citra 1 Metode Baru		
Urutan	Citra	Penyimpangan
1	21	5982
2	29	6184
3	1	8033
4	31	10014
5	30	10171
6	7	10892
7	26	11229
8	2	11716
9	8	12272
10	38	12379
11	41	12456
12	42	13411
13	20	13537
14	27	13594
15	28	13663
16	39	13770
17	25	14079
18	40	14980
19	22	15053
20	23	15855
21	4	16714
22	34	16762
23	33	16800
24	10	16876
25	19	17151
26	13	17236
27	9	17378
28	3	18214
29	17	18318
30	37	19160
31	24	19596
32	35	20086
33	11	20166
34	16	20295
35	18	20674
36	14	20971
37	32	21458
38	36	21682
39	15	23815
40	12	25496
41	6	25920
42	5	28080

Citra 6 Metode Lama		
Urutan	Citra	Penyimpangan
1	15	6526
2	36	7294
3	14	7338
4	6	7882
5	16	8050
6	18	8296
7	12	8618
8	32	9000
9	11	9809
10	35	9878
11	24	9998
12	5	10042
13	17	10096
14	4	10983
15	25	11015
16	20	11253
17	19	11287
18	42	11869
19	39	12082
20	10	12182
21	9	12426
22	27	12862
23	3	13471
24	38	13691
25	41	13752
26	40	13864
27	28	14218
28	13	15192
29	26	15695
30	34	15865
31	23	15933
32	22	16610
33	31	16754
34	33	17036
35	7	17177
36	30	17235
37	2	17896
38	8	18990
39	21	19687
40	1	20247
41	29	20394
42	37	21604

Citra 6 Metode Baru		
Urutan	Citra	Penyimpangan
1	6	7332
2	36	7343
3	5	8340
4	15	8514
5	32	9098
6	12	9526
7	14	9536
8	16	10455
9	18	10801
10	11	12163
11	24	12460
12	35	12487
13	17	13023
14	4	13169
15	20	13373
16	25	13651
17	42	14066
18	19	14125
19	10	14303
20	9	14397
21	39	15061
22	27	15475
23	3	15491
24	13	15515
25	28	15800
26	38	16087
27	23	16122
28	41	16165
29	40	16179
30	26	17392
31	34	17611
32	22	17806
33	33	18039
34	37	19122
35	7	19135
36	31	19327
37	30	19386
38	2	19651
39	8	21305
40	21	21425
41	29	22116
42	1	22271

Citra 15 Metode Lama		
Urutan	Citra	Penyimpangan
1	22	5595
2	23	5679
3	13	5933
4	33	6336
5	2	6906
6	24	8355
7	31	9168
8	37	10484
9	14	11233
10	41	12304
11	42	12339
12	39	12494
13	19	12609
14	15	12621
15	6	12897
16	21	13404
17	26	13970
18	29	14022
19	38	14074
20	25	14405
21	27	14760
22	1	14765
23	12	15056
24	18	15194
25	5	15211
26	20	15424
27	32	15689
28	17	15763
29	28	15794
30	8	16884
31	30	16903
32	16	17406
33	36	17535
34	40	17814
35	4	18120
36	10	18156
37	7	19123
38	34	19372
39	9	19520
40	35	20577
41	11	21018
42	3	21121

Citra 15 Metode Baru		
Urutan	Citra	Penyimpangan
1	24	5095
2	14	5913
3	15	6825
4	6	7721
5	13	8009
6	19	9031
7	23	9169
8	22	9645
9	5	9805
10	32	9863
11	18	9904
12	17	10438
13	12	10452
14	39	10686
15	33	10698
16	42	10749
17	25	10869
18	20	10974
19	2	11352
20	27	11907
21	16	12102
22	36	12191
23	41	12224
24	31	12574
25	38	12986
26	4	13058
27	10	13058
28	40	14466
29	9	14644
30	28	14752
31	37	14754
32	35	15098
33	26	15136
34	11	15576
35	34	16044
36	3	16295
37	30	16505
38	7	17083
39	29	18322
40	21	18504
41	1	18569
42	8	19652

Citra 21 Metode Lama		
Urutan	Citra	Penyimpangan
1	38	5421
2	42	5813
3	25	5989
4	41	6040
5	28	6183
6	39	6562
7	26	6613
8	20	6627
9	27	7613
10	4	8366
11	40	8614
12	19	9223
13	10	9232
14	9	9638
15	30	9713
16	21	9808
17	31	9978
18	34	10128
19	29	10160
20	7	10356
21	1	10703
22	8	10750
23	3	10882
24	16	10955
25	17	11238
26	24	11354
27	18	12018
28	11	12390
29	35	12778
30	36	12982
31	32	13184
32	14	13615
33	13	14684
34	33	14880
35	2	15396
36	23	15473
37	15	15997
38	22	16161
39	12	16500
40	6	16964
41	5	20166
42	37	20484

Citra 21 Metode Baru		
Urutan	Citra	Penyimpangan
1	21	6320
2	29	7251
3	26	7650
4	28	7811
5	31	7913
6	38	8008
7	41	8187
8	1	8242
9	42	8274
10	25	9002
11	39	9053
12	8	9561
13	20	9588
14	30	9620
15	27	9634
16	33	10994
17	2	11409
18	7	11682
19	40	11774
20	19	11896
21	4	11916
22	23	12578
23	10	12640
24	22	12729
25	34	13464
26	24	13681
27	13	13843
28	9	13905
29	17	13993
30	3	14628
31	16	14797
32	11	15248
33	18	15425
34	35	15511
35	36	15987
36	14	16381
37	37	16483
38	32	16789
39	15	19133
40	6	19815
41	12	19821
42	5	22669

Citra 25 Metode Lama		
Urutan	Citra	Penyimpangan
1	38	4116
2	27	4451
3	20	4486
4	25	4532
5	41	5219
6	42	5390
7	39	5421
8	4	6685
9	26	6814
10	19	6868
11	40	6931
12	10	7361
13	34	7839
14	9	7889
15	17	8533
16	28	8586
17	3	8801
18	30	9114
19	31	9723
20	24	10061
21	8	10133
22	11	10161
23	35	10401
24	7	10433
25	1	10622
26	18	10717
27	16	10858
28	29	11015
29	21	11083
30	14	11836
31	36	12175
32	32	12801
33	15	13814
34	13	15321
35	12	15539
36	6	15769
37	23	16344
38	22	16628
39	2	17109
40	33	17131
41	5	18953
42	37	22409

Citra 25 Metode Baru		
Urutan	Citra	Penyimpangan
1	20	3509
2	4	3810
3	25	4569
4	40	5144
5	9	5466
6	38	5485
7	27	5614
8	10	5782
9	3	6444
10	42	6817
11	39	6852
12	17	7212
13	26	7217
14	28	7359
15	41	7546
16	34	7848
17	19	7961
18	11	7984
19	16	8087
20	30	8369
21	35	8628
22	7	9142
23	18	9408
24	8	10806
25	32	10862
26	36	11100
27	14	11481
28	24	11548
29	1	11767
30	29	12004
31	31	12392
32	21	12718
33	15	13129
34	12	13878
35	6	15122
36	13	17896
37	5	18144
38	23	18781
39	22	19035
40	33	19334
41	2	19422
42	37	24970



Citra Nomor 38 Metode Lama		
Urutan	Citra	Penyimpangan
1	6	6934
2	5	8784
3	36	9086
4	32	9480
5	15	10212
6	14	10564
7	16	10723
8	12	11642
9	18	11810
10	24	11838
11	17	13484
12	4	13933
13	19	14199
14	25	14401
15	11	14695
16	42	14765
17	20	14831
18	10	15020
19	9	15024
20	13	15060
21	35	15216
22	33	15330
23	39	15662
24	23	16113
25	28	16502
26	37	17052
27	3	17199
28	38	17359
29	41	17756
30	40	17788
31	22	17850
32	27	17911
33	26	18959
34	2	19146
35	34	19691
36	31	21116
37	7	21275
38	30	21317
39	8	23036
40	29	23866
41	21	23883
42	1	24733

Citra Nomor 38 Metode Baru		
Urutan	Citra	Penyimpangan
1	25	5090
2	41	5117
3	38	5175
4	39	5409
5	42	5618
6	20	6057
7	19	6254
8	27	7307
9	40	7353
10	4	7905
11	26	8181
12	10	8185
13	28	8651
14	17	8685
15	30	9000
16	9	9323
17	31	9335
18	16	9373
19	24	9582
20	18	9863
21	34	9941
22	3	10740
23	1	10978
24	7	11182
25	11	11277
26	8	11497
27	29	11659
28	35	11999
29	21	12049
30	14	12390
31	32	12818
32	13	13156
33	36	13762
34	15	14200
35	23	14570
36	22	14654
37	33	14903
38	2	14961
39	6	15898
40	12	16183
41	5	19170
42	37	20281

Citra 10 Metode Lama		
Urutan	Citra	Penyimpangan
1	7	8802
2	1	9240
3	30	9575
4	29	10003
5	40	10235
6	34	10886
7	3	10890
8	26	11291
9	27	11727
10	21	12196
11	4	12304
12	8	12368
13	38	12660
14	9	12714
15	20	12810
16	31	12898
17	41	13668
18	10	13743
19	28	14229
20	25	14854
21	42	15389
22	17	15491
23	39	15596
24	11	16344
25	19	16516
26	32	16827
27	35	17291
28	16	18044
29	18	18454
30	2	18478
31	14	18675
32	13	19620
33	22	19909
34	24	20035
35	36	20370
36	23	20707
37	15	22177
38	33	23291
39	12	23809
40	37	24353
41	6	24837
42	5	25989

Citra 10 Metode Baru		
Urutan	Citra	Penyimpangan
1	10	3655
2	4	4407
3	9	4413
4	25	5187
5	20	5317
6	38	5683
7	34	6171
8	42	6322
9	17	6627
10	19	6711
11	41	6775
12	40	6801
13	27	6819
14	3	6871
15	39	7135
16	11	7885
17	26	8374
18	35	8679
19	28	9562
20	30	9716
21	8	9741
22	18	9857
23	16	10104
24	24	10842
25	7	12041
26	1	12461
27	36	12501
28	31	12793
29	14	13614
30	32	13758
31	29	13878
32	21	14159
33	15	14972
34	12	15188
35	6	17200
36	13	18147
37	23	19950
38	22	19990
39	33	20203
40	5	20300
41	2	20453
42	37	25704

Citra 34 Metode Lama		
Urutan	Citra	Penyimpangan
1	34	6321
2	40	6543
3	3	6735
4	9	8631
5	4	8693
6	30	8812
7	20	8872
8	7	8967
9	27	9093
10	1	9398
11	38	9526
12	8	9667
13	10	9835
14	26	10260
15	41	10875
16	25	11188
17	28	11234
18	17	12097
19	31	12177
20	39	12449
21	29	12715
22	42	12874
23	11	13185
24	19	13224
25	35	13615
26	21	13729
27	32	13733
28	16	14538
29	18	15237
30	14	15308
31	24	17077
32	36	17113
33	13	18469
34	15	18684
35	22	19806
36	23	19854
37	12	20215
38	2	21017
39	6	21361
40	5	22605
41	33	23089
42	37	25113

Citra 34 Metode Baru		
Urutan	Citra	Penyimpangan
1	3	4954
2	34	5284
3	9	6002
4	4	6584
5	10	6820
6	40	6870
7	8	8480
8	20	8685
9	38	8913
10	27	9024
11	11	9198
12	17	9350
13	25	9409
14	26	9481
15	35	9566
16	16	10719
17	42	10897
18	19	10929
19	39	10940
20	41	11256
21	18	12072
22	30	12081
23	28	12145
24	1	12633
25	7	12808
26	36	14164
27	32	15512
28	24	15620
29	14	16065
30	29	16132
31	15	16373
32	12	16690
33	21	16982
34	31	16998
35	6	18610
36	5	22048
37	13	22796
38	23	23815
39	22	24137
40	33	24204
41	2	24574
42	37	30146

Citra 22 Metode Lama		
Urutan	Citra	Penyimpangan
1	22	5967
2	2	6245
3	37	6889
4	23	7438
5	33	8664
6	13	8951
7	31	12635
8	21	14180
9	29	14227
10	24	14741
11	5	15931
12	14	16275
13	6	16773
14	1	17198
15	15	18881
16	41	18917
17	39	18931
18	42	19224
19	19	19402
20	30	19474
21	12	19567
22	32	19635
23	7	20056
24	28	20413
25	38	20432
26	26	20514
27	25	21064
28	27	21708
29	8	21763
30	20	21968
31	18	22065
32	17	23049
33	36	23959
34	40	24148
35	16	24554
36	4	24876
37	10	25374
38	34	25670
39	9	26465
40	35	27453
41	3	27540
42	11	27754

Citra 22 Metode Baru		
Urutan	Citra	Penyimpangan
1	37	8233
2	22	8330
3	2	8752
4	23	10001
5	13	10258
6	33	10936
7	31	15049
8	29	16654
9	21	16876
10	24	17031
11	5	17313
12	14	18862
13	6	19167
14	1	19929
15	32	20920
16	41	21252
17	15	21275
18	30	21635
19	19	21676
20	39	21873
21	42	21982
22	12	22404
23	7	22509
24	38	22955
25	26	23182
26	28	23202
27	27	23634
28	25	23745
29	8	24057
30	18	24431
31	20	24780
32	17	25015
33	36	25863
34	16	26133
35	40	26472
36	4	27208
37	10	27380
38	34	27992
39	9	28715
40	35	29397
41	3	29938
42	11	30016

Citra 40 Metode Lama		
Urutan	Citra	Penyimpangan
1	11	5256
2	10	5292
3	35	5568
4	4	5740
5	9	6127
6	16	6410
7	17	6663
8	20	7513
9	18	7828
10	3	7913
11	25	8360
12	40	8924
13	27	9336
14	38	9571
15	42	9667
16	36	10021
17	39	10156
18	19	10163
19	34	10349
20	41	10490
21	28	11564
22	15	11715
23	26	11942
24	12	12031
25	32	12317
26	30	12556
27	14	12875
28	8	13775
29	7	13792
30	24	14709
31	6	15250
32	1	16439
33	31	16761
34	29	16870
35	21	17846
36	5	17977
37	13	22023
38	33	22970
39	2	23262
40	22	23453
41	23	23490
42	37	29018

Citra 40 Metode Baru		
Urutan	Citra	Penyimpangan
1	40	5512
2	27	5766
3	38	6791
4	26	7006
5	20	7423
6	3	7883
7	30	8018
8	34	8063
9	41	8116
10	1	8359
11	4	8434
12	9	8551
13	28	8580
14	8	8857
15	7	9046
16	25	9194
17	10	9316
18	42	9921
19	39	9970
20	17	10665
21	29	10704
22	21	11434
23	31	11575
24	19	11921
25	16	12428
26	11	12580
27	35	13010
28	18	13984
29	32	14051
30	24	14543
31	36	15735
32	14	15785
33	13	17259
34	15	17805
35	22	18567
36	23	18570
37	2	18848
38	12	19009
39	33	19734
40	6	19926
41	5	22221
42	37	24056

Citra 42 Metode Lama		
Urutan	Citra	Penyimpangan
1	15	6461
2	12	7401
3	18	8421
4	35	8523
5	6	9541
6	11	9710
7	14	9844
8	17	9907
9	16	9932
10	36	10043
11	24	10189
12	19	11862
13	5	12194
14	10	12272
15	4	12838
16	39	13357
17	32	13383
18	25	13406
19	42	13470
20	9	13607
21	20	13700
22	3	14386
23	27	14741
24	41	15575
25	38	15716
26	40	15740
27	28	16034
28	34	16590
29	13	16819
30	26	16964
31	33	17437
32	23	18161
33	2	18507
34	31	18608
35	22	18621
36	30	19515
37	8	19644
38	7	19833
39	1	22158
40	21	22442
41	29	22673
42	37	23025

Citra 42 Metode Baru		
Urutan	Citra	Penyimpangan
1	6	6189
2	15	7173
3	14	7546
4	5	8024
5	12	8273
6	36	9045
7	24	9495
8	32	9591
9	18	9691
10	16	9884
11	17	11265
12	19	12282
13	35	12551
14	4	12582
15	11	12710
16	20	13026
17	25	13092
18	42	13122
19	13	13451
20	10	13706
21	39	14025
22	9	14183
23	33	14273
24	23	14361
25	27	14529
26	22	14967
27	3	15242
28	28	15254
29	38	15386
30	40	15648
31	41	15671
32	2	16745
33	26	16942
34	34	17756
35	31	17876
36	30	18857
37	37	19013
38	7	19121
39	8	21024
40	21	21440
41	29	21903
42	1	22148