Chapter 7

**RESULT AND ANALYSIS OF ALL METHODS IN RGB CHANNEL**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Class | Total Pixel | Taken Pixel1 | C3 | C7 | C1 | C8 | C5 | C2 | C4 | C6 |
| Class 1 | 10000 | 9999 | =1  =.00010001 | 0 | =1  =.00010001 | =206  =.02060206021 | =2097  =.2097209721 | =3672  =0.367237 | =3195  =.3195319532 | =828  =.8280828083 |
| Class 2 | 10000 | 10000 | =1  =.00010001 | =2  =0.002 | =<5  =0.0025 | =2731  =0.2731 | =3814  =.3814 | =2108  =0.2108 | =341  =0.0341 | =379  =.0379 |
| Class 3 | 10000 | 10000 | =1358  =0.1358 | =3358  =.3358 | =3253  =0.3253 | =1405  =.1405 | =393  =0.0393 | =178  =0.0178 | =49  =.0049 | =7  =.0007 |
| Class 4 | 10000 | 10000 | =3657  =.3657 | =3336  =3338 | =2146  =0.2146 | =535  =0.0535 | =196  =.0196 | =86  =0.0086 | =33  =.0033 | =10  =.001 |

**C5**

**C4**

**C8**

**C1**

**C3**

**C6**

**C7**

**C2**

**Red and Green**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Class | Total Pixel | Taken Pixel1 | C5 | C1 | C3 | C4 | C8 | C7 | C2 | C6 |
| Class 1 | 10000 | 8890 | =0 | =2  =.0002249 | =0 | =312  =.03509561305 | =2597  =.2921259843 | =2416  =.2727660292 | =3229  =0.3632170973 | =335  =.03768278965 |
| Class 2 | 10000 | 6729 | =1  =0.0001486 | =2  =.00029722 | =3  =000415831 | =3265  =.4652132 | =0 | =7  =.001040273 | =0 | =3452  =0.513003418 |
| Class 3 | 10000 | 7779 | =2002  =.2573595578 | =2736  =.3517161 | =3042  =.3910528346 | =0 | =0 | =0 | =0 | =0 |
| Class 4 | 10000 | 100077215 | =3485  =.483021483 | =3336  =.4669438669 | =362  =.05017325017 | =0 | =0 | =0 | =0 | =0 |

**Green and Blue**

**C6**

**C3**

**C7**

**C4**

**C2**

**C8**

**C1**

**C5**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Class | Total Pixel | Taken Pixel1 | C4 | C2 | C7 | C5 | C1 | C8 | C3 | C6 |
| Class 1 | 10000 | 8890 | =0 | =0 | =2  =.00024971 | =362  =.0.0471991 | =260  =.0292464 | =1992  =0.224071991 | =3122  =.3519685039 | =3145  =.353768279 |
| Class 2 | 10000 | 6729 | =2  =.0002722 | =1 | =1  =.0001486 | =3542  =0.5263883 | =3181  =.472581 | =3  =.000445831 | =0 | =0 |
| Class 3 | 10000 | 7779 | =3001  =.385782234 | =2553  =0.328191 | =2223  =0.2857693791 | =3  =.000385653 | =0 | =0 | =0 | =0 |
| Class 4 | 10000 | 7215 | =1367  =.1894663875 | =3123  =0.4328482328 | =2726  =.3778239778 | =0 | =0 | =0 | =0 | =0 |

**C5**

**C4**

**C8**

**C1**

**C3**

**C6**

**C7**

**C2**

**Red and Blue**