**Problem Statement**

Display the texture images, rost-bump.jpg. Write a code that shows their corresponding co-occurrence matrix and calculate their descriptors (Contrast, Correlation, Energy and Homogenity. Store the results in two individual tables (either in Ms Word or Matlab).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 56685 | 15178 | 2160 | 513 | 169 | 68 | 12 | 3 |
| 15342 | 41208 | 14198 | 2844 | 598 | 156 | 39 | 6 |
| 1992 | 14287 | 18302 | 8478 | 2612 | 791 | 200 | 53 |
| 561 | 2899 | 8413 | 8166 | 4443 | 1839 | 613 | 254 |
| 175 | 581 | 2626 | 4375 | 3793 | 2372 | 1158 | 634 |
| 67 | 159 | 774 | 1877 | 2339 | 2036 | 1310 | 1043 |
| 13 | 52 | 188 | 652 | 1111 | 1325 | 1137 | 1355 |
| 2 | 10 | 48 | 270 | 639 | 1014 | 1362 | 4053 |

|  |  |  |  |
| --- | --- | --- | --- |
| Contrast | Correlation | Energy | Homogeneity |
| 1.0691 | 0.82651 | 0.094598 | 0.7356 |