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| Face\_Recog  [Code by Neeraj Pai 29045615 UFL] | Eigenfaces and the full face itself |  |  |  |
|  | Initial training set of face images | Dimension | Training database | Success  Rate |
|  | MIT-OCL  (400 photos) | 92 x 112 pixels  In gray scale | Single face : 40 x samples  Entire database: 400 samples, 10 faces / user | 92.5%  30 out of 400 failed |
|  | Yale  (38 x 64 photos) | 168 x 192 pixels  In gray scale | Single face : face no 33  Three faces : faces no 5,33 & 47 | 58.8%  1001 out of 2432 failed |
|  | Custom database  (3 x 3 photos) | 640 x 480 pixels  In gray scale | 3 samples used [3,4 &7]  3 faces / user | 77.8%  2 out of 9 failed |
| Face Recognition System [zubair and suvidha] | RGB -> Gray colour  Resizing -> 200x 180  Eigenvalues and eigenvectors -> face space  Eigenfaces\*MeanInputImage  Euclidean distance comparsion | Original 180 x 200 pixels  Color photos  Transformed 200 x 180 pixels In gray scale | 21 samples used | 6 test face samples |
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