

TPA 7: Comparison of any two recent Face Recognizers under degradation, illumination and pose variation

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Problem Statement: Most state-of-the art (SOA) face recognition techniques work well under pose and illumination variation. A good analysis of the degradation in performance for at least two recent SOA methods must be studied.

Input: Input to the system are the following

- Non overlapping Training and Testing sets from a medium size database (e.g. Yale A).

Expected Output: The developed code should be able to do the following

- ROC, CMS curves, Confusion matrix plots. Under any two degradation (illumination, noise, blur, pose).

Hint for excellence: *Special credit will be given if a modified or adaptive FR system is designed to deal with two of these variations.*

References

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