

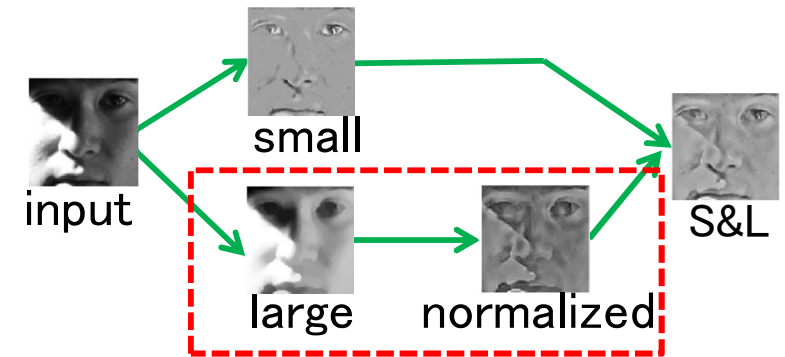
# Illumination Normalization of Face Images with Cast Shadows

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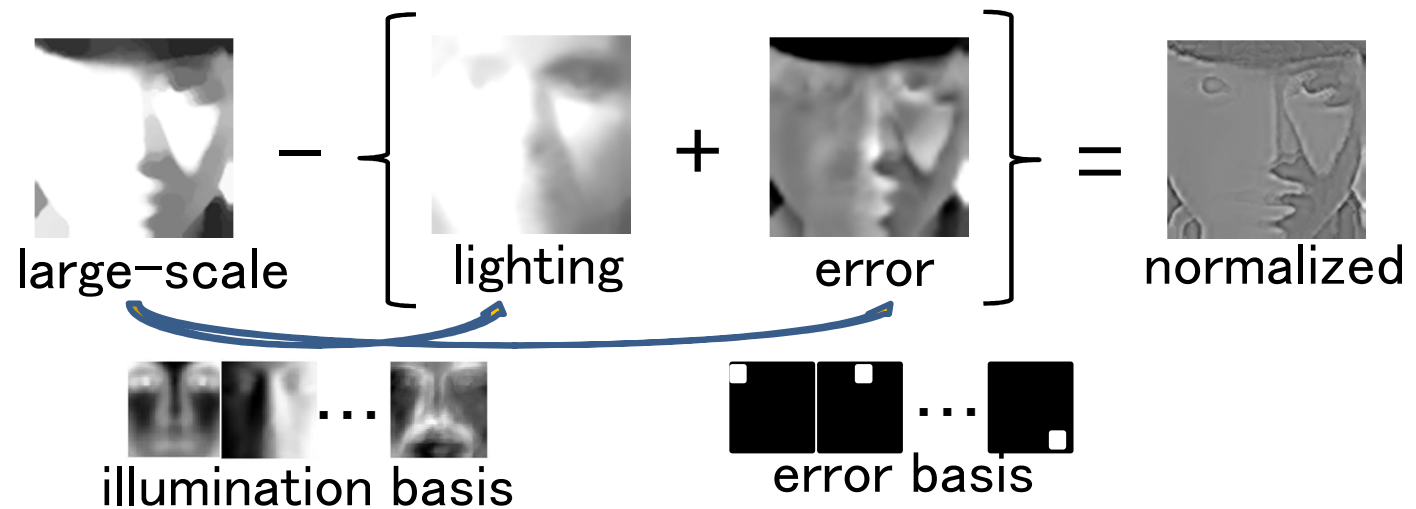
Cast shadows



S&L  
approach



Error term for  
large-scale feature  
normalization



Results

Xie.et.al. 2011



recognition rates

49.4%

Ours



84.5%