# A Novel Landmarked Face Database for Arab Celebrities

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## Abstract:

In this paper, we present a novel database of colored and gray, plausible face images. The database contains almost 389 images of 79 Arab celebrities with automatically generated landmarks acquired from the web in wild-life. We apply face recognition (face detection) using Caffe-Model with open cv to extract faces from images then store them in 256 × 256 pixels images. The dataset is publicly available for research purposes and can be used as a training and testing material in developing various algorithms related to face detection, inpainting, frontalization, recognition, and analysis. It is challenging to inpaint face images in the wild-life, due to the large variation of appearances, such as expressions, gender, different poses, and ethnicity. This inspired us to establish a dataset that includes the faces of Arab celebrities to use it in future work.

## Keywords:

Face Database, Face Recognition, Deep Learning, Computer Vision.