



Lighting and Pose Robust Face Sketch Synthesis

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Training Set

CUHK Face Sketch Database

- 88 training persons
- Each person has
 - a photo (normal lighting & frontal pose)
 - a sketch drawn by an artist.





Different Frontal Lighting



Photo

[1] with LR

Our result

Photo

[1] with LR

Our result





Different Side Lighting



Photo

[1] with LR

Our result

Photo

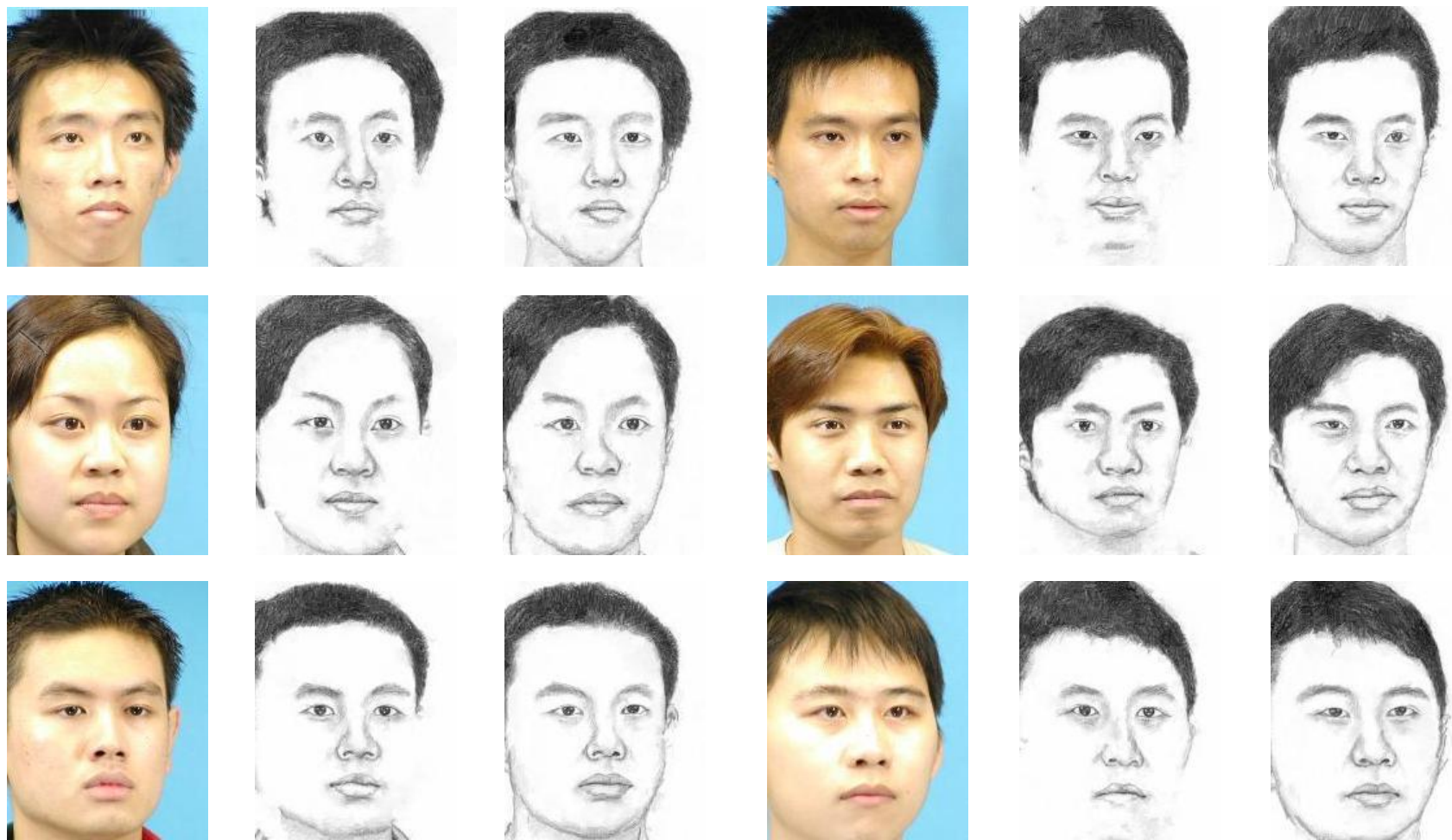
[1] with LR

Our result





Different Pose



Photo

[1]

Our result

Photo

[1]

Our result





Webcam Data



Photo

[1] with LR

Our result

Photo

[1] with LR

Our result





Web Celebrity Faces (1)



Photo

[1] with LR

Our result

Photo

[1] with LR

Our result





Web Celebrity Faces (2)



Photo

[1] with LR

Our result

Photo

[1] with LR

Our result





Web Celebrity Faces (3)



Photo

[1] with LR

Our result

Photo

[1] with LR

Our result





References

- [1] Wang, X., Tang, X.: Face photo-sketch synthesis and recognition. *IEEE Trans. PAMI* 31, 1955–1967 (2009)
- [2] Tang, X., Wang, X.: Face sketch synthesis and recognition. In: ICCV (2003)

Thank You For
Your Patience!

