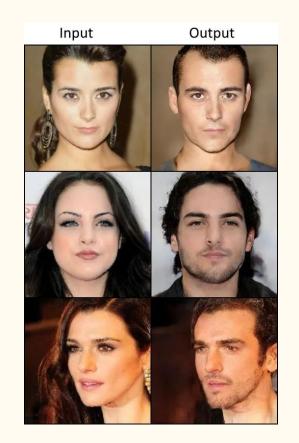
Edition du genre d'un portrait





14.4 Ingo DIAB Florian LECOURT

Contexte

- Transformation d'un genre vers le genre opposé
- Garder constantes le plus de caractéristiques possibles

Plan

I/ Approche traditionnelle

II/ Approche apprentissage profond

III/ Interface graphique

Gender Obfuscation through Face Morphing

Shunxin Wang

Faculty of Electrical Engineering, Mathematics & Computer Science
University of Twente
Supervised by:

Prof.Dr.Ir. R.N.J. Veldhuis (1st), Dr.Ir. J. Goseling (2nd), U.M. Kelly

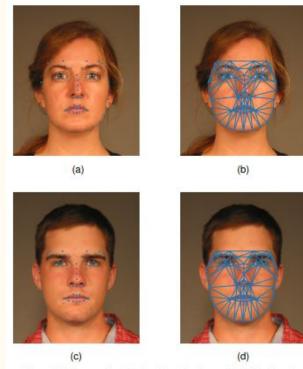
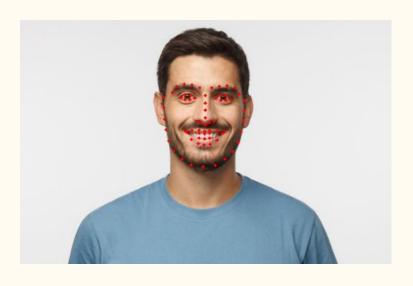
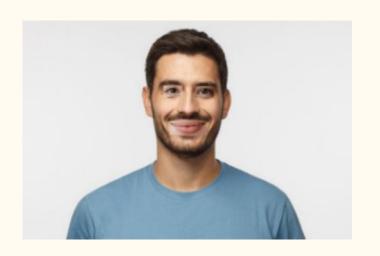
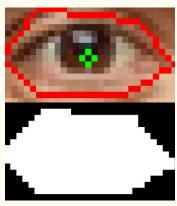


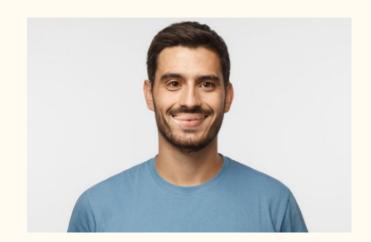
Figure 4. Delaunay triangles based on the detected facial landmarks

















Changé en homme	2	8
Changé en femme	10	0
	Détecté homme	Détecté femme

Unpaired Image-to-Image Translation using Cycle-Consistent Adversarial Networks

Jun-Yan Zhu* Taesung Park* Phillip Isola Alexei A. Efros Berkeley AI Research (BAIR) laboratory, UC Berkeley

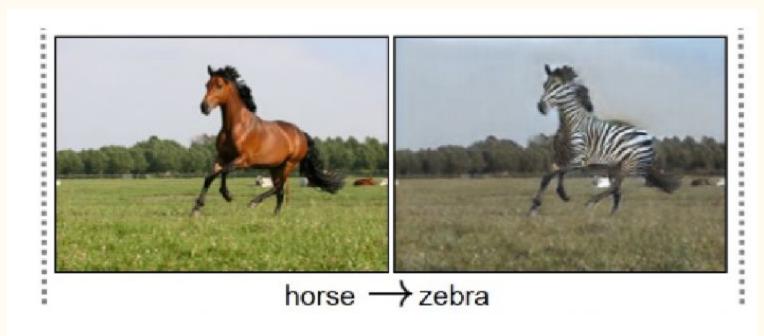
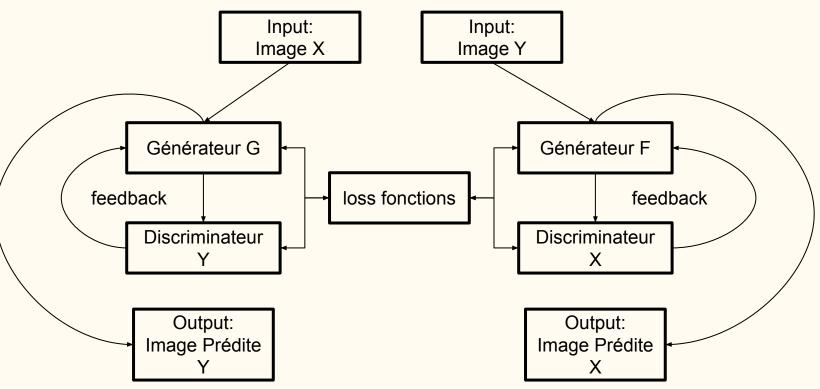
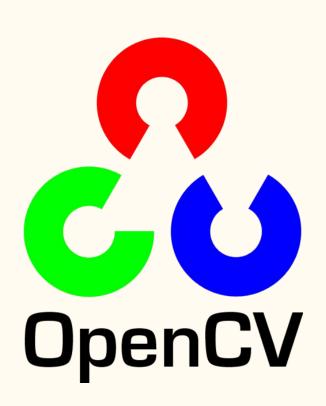


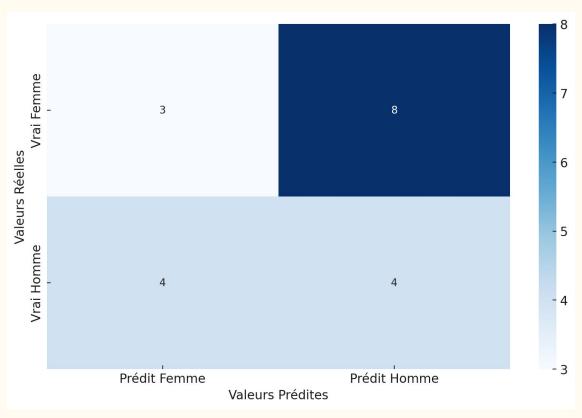
Figure 1 – Exemple d'utilisation de CycleGAN



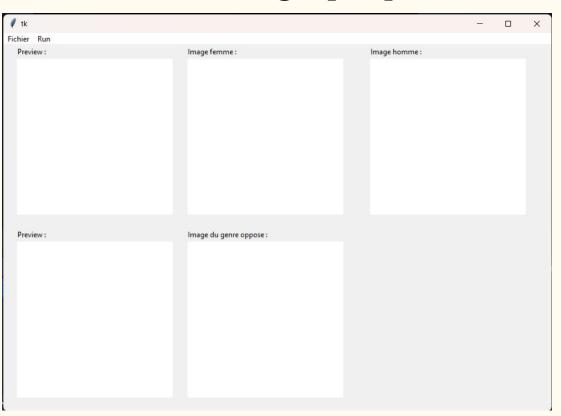








Interface graphique



Interface graphique



Pour aller plus loin



Merci de votre attention