Second International Undergraduate Research Conference, IUGRC Military Technical College, Cairo, Egypt July 24 –27, 2017





MEA FACE FOR PLASTIC SURGURY BY USIN IMAGE PROCESSING

Amany Yehia Moftah, Aml Samir Radi, Mona Korany Mohamed and Esraa Mawed Mohamed Fayoum, Fayoum, ay1202@fayoum.edu.eg, amlsamir869@yahoo.com, mk1262@fayoum.edu.eg, em1345@fayoum.edu.eg Supervisor: Shereen A. Taie, Fayoum, Cairo, sat00@fayoum.edu.eg

Skin aging is a complex biological process influenced by a combination of intrinsic and extrinsic factors. The skin health and beauty is considered one of the principal factors representing overall "well-being and beauty" and the perception of "health" in humans, several anti-aging strategies has been developed during the last years. Skin wrinkles are perceived as important cues in communicating information about the age of the person. The secret of facial beauty has attracted the attention of artists and researchers for a long time. Facial beauty study has attracted the attention of computer scientists since 2000. Biometric techniques have been used for facial beauty modeling and developing real-life application systems