بخشی از ترجمه مقاله

عنوان فارسی مقاله:
تشخیص چهره عمیق با استفاده از داده‌های ناقص صورت

عنوان انگلیسی مقاله:
Deep face recognition using imperfect facial data

توجه!
این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
6. Conclusions

The ability for existing machine based face recognition algorithms to perform adequately in the cases of imperfect facial data – such as occluded faces, rotated faces or zoomed out faces – as cues remains a challenging task in the field of computer vision and visual computing. In this work, we have presented the results of some novel experiments we have undertaken to highlight these issues as well as to outline some potential solutions. To do this, we have utilised both controlled and uncontrolled public facial datasets through which we show how deep learning can be utilised for face recognition using imperfect facial cues. Thus, given some partial facial data, we show how feature extraction can be performed using popular CNNs such as the VGGF model. We show how classifiers based on popular SVMs as well as CS can be utilised to undertake facial recognition tasks.