

專題演講

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題目：Two Apps for taking a photo

摘要：

We have developed two Apps for taking a photo. The first App gives real-time hints (via scoring) about finding a good photo composition for a novice user. Some aesthetic principles including rule-of-thirds, horizontal/intensity balance, contrast, and so on, are considered and turned into scores to guide a photo composition. The second App provides a tool for group selfie via the technique of Augmented Reality. The goal is take a group selfie without suffering from the distortion when using a selfie stick, while at the same time allowing people to take a group selfie without the need of asking help from others.

簡歷：

Dr. Chuan-Kai Yang received his Ph.D. degree in computer science from Stony Brook University, USA, in 2002, and his M.S. and B.S. degree in computer science and in mathematics from National Taiwan University in 1993 and 1991, respectively. He served as the chairman for the department of information management, National Taiwan University of Science and Technology, Taiwan, from 2017 to 2019, and is currently a professor in the department. His research interests include computer graphics, scientific visualization, multimedia systems, and computational geometry. He has published over hundreds of research papers, including more than 30 SCI journal papers and more than 40 international conference papers.