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| Title | Feature-based image stitching algorithms | | |
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| Published Journal Name | [International Workshop on Computational Intelligence (IWCI)](https://ieeexplore.ieee.org/xpl/conhome/7840553/proceeding) | | |
| Type of Publication | Conference Article | | |
| Volume | **INSPEC Accession Number:**16692291 | Issue |  |
| Publisher | IEEE | | |
| Publication Date | 2016 | | |
| ISSN | ISBN: 9781509057702 | | |
| DOI | [10.1109/IWCI.2016.7860365](https://doi.org/10.1109/IWCI.2016.7860365) | | |
| URL | https://ieeexplore.ieee.org/abstract/document/7860365 | | |
| Other Related Info. | n/a | | |
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| Abstract |  |
| The method of joining images to make a panorama is known as image stitching. It is an enthusiastic research area in image processing and computer vision but still a challenging problem for panoramic images. A good number of researches had been carried out to develop different algorithms for image stitching in the last few years. Image stitching approaches is classified mainly in two groups: direct and feature based. Direct techniques evaluate pixel intensities of the input images and feature-based methods resolve an association among the images based on the extracted features of inputted images. A detail study on the state-of-the-art of feature-based image stitching approaches is presented in this paper. We have shown the performance of some of the feature-based image stitching approaches using images from Yale Database. In addition, we briefly discussed the challenges and possible future work of image stitching. | |