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CONSTRUCTION OF A SYSTEM FOR DEFINING AREAS WHICH ARE NOT OBTAINED DATA FROM STEREO IMAGES

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Abstract. Recently, digital documentation and visualization of various cultural assets have been receiving attention. For example, a small Buddha with a height of approximately 4 cm is categorized as a cultural asset. Such a small object has to be documented.

Generally, in order to perform 3D modeling of small objects from the viewpoint of digital very close range photogrammetry, multi view images are taken. However, it is important to confirm the occluded part and image quality after taking images.

In order to confirm the defocusing of images and the areas which were not obtained data from stereo images, a system is proposed for confirming data with a macro lens and convenient 3D measurement software called 3DiVision. Finally, it is proposed that the data be supplemented in areas which are not obtained data.

[Conference Paper](#) (PDF, 951 KB)

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