

IMPROVEMENT OF GEOMETRIC CORRECTION ACCURACY ACCORDING TO GCP DISPOSITION OF KOMPSAT

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ABSTRACT

There are invisible wars going on to preoccupy required satellite information for national defense, industry and living in the out space. Therefore, Korea developed and successfully launched KOMPSAT(Korea Multi-Purpose Satellite), Korea's first multi-purpose applications satellite, on December 21, 1999. In the course of geometric corrections with KOMPSAT images, accuracy of GCP collections are analyzed the coordinated of digital map respectively. Accuracy according to the GCP disposition was also analyzed.

For disposition of GCP, it turned out that even distribution on the whole screen contributes to promote accuracy. These are expected to be used as basic data in putting the KOMPSAT geometric correction into practical use.

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