Geometric Correction in Ikonos Images – Case Study: Tehran, Iran

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SUMMARY

In recent decades, Remote sensing data becomes one of the basic information required for mapping and different applications in geomatics. In the high resolution satellite images (HRSI), the high ccuracy depends on accurate mathematical models for the satellite sensor. Because, there is not satellite orbit information for the most of the new HRSI , empirical methods have been adopted. In this paper, different non-rigorous mathematical models investigate for geometric corrections over an Ikonos
geo-product image in Iran.

TS 27 – Remote Sensing and Photogrammetry   1/9
Jalal Amini and Ali Reze Mohamadi Hashemi
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