Integrated Solutions in Earth Remote Sensing
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The paper deals with the system approach concepts in Earth remote sensing that is explained by the complex system. The Earth remote sensing system is treated as an integrative set of space and ground-based facilities. The system’s environment, purposes, attributes and structure as well as the functions of its components and the system in large are considered. The dimensions of the Earth remote sensing satellite system are discussed accounting for a possible destruction when the system is overcomplicated as well as for the risk of loss in emergentness and the ability of functioning when the system is simplified.