

1086-35-1171 **Igor Yanovsky***, Jet Propulsion Laboratory, California Institute of Technology, 4800 Oak Grove Drive, Pasadena, CA 91109. *Image Analysis in Remote Sensing Science*. Preliminary report.

Applications arising in remote sensing science, and computational approaches for solving associated problems, will be discussed. Among problems considered will be decomposition of layers of reflective surfaces in earth remote sensing imaging data and reconstruction of hurricane images. (Received September 19, 2012)