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Analytical method for processing digital images of technical objects(Conference Paper)

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### Краткое описание

The paper presents a method of processing digital images of technical objects whose surfaces are inaccessible. An analytical method of vision data preparation for supporting the decision making about the presence of abnormal areas is presented. The method takes into account the changes of some statistical brightness parameters (intensity, correlation, coordinates, sizes, and shapes) by analyzing matrices of brightness fluctuation, differences (estimates of the rate of brightness changes), variances and correlations, containing information about their state. © COPYRIGHT SPIE. Downloading of the abstract is permitted for personal use only.