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## APPLICATION OF VIDEO IMAGE CORRELATION TECHNIQUES TO THE SPACE SHUTTLE EXTERNAL TANK FOAM MATERIALS



Application of Video Image  
Correlation Techniques to the Space  
Shuttle External Tank Foam Materials

NASA Technical Reports Server  
(NTRS)

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 32 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Results that illustrate the use of a video-image-correlation-based displacement and strain measurement system to assess the effects of material nonuniformities on the behavior of the sprayed-on foam insulation (SOFI) used for the thermal protection system on the Space Shuttle External Tank are presented. Standard structural verification specimens for the SOFI material with and without cracks and subjected to mechanical or thermal...

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