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The Southern Research Nondestructive Evaluation group specializes in materials characterization and precision testing of materials and structures.

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Many methods are prevalent for detection of defects in materials. Some of them are NDT, non-destructive evaluation (NDE), non-destructive characterization, and non-destructive inspection (NDI) (Mix, 2005). NDT is used for a large number of industrial applications.

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Nondestructive evaluation (NDE) is an interdisciplinary field of study which is concerned with the development of analysis techniques and measurement technologies for the quantitative characterization of materials, tissues and structures by noninvasive means.

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NON-DESTRUCTIVE TESTING ... evaluation of engineering materials or structures without impairing their ... is one of the most widely used nondestructive evaluation

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Nondestructive Testing and Evaluation: Vol 33, No 4

The November issue of Materials Evaluation features a Back to Basics article on proper basic thermal imager settings for thermographic inspections and a review paper ...

Materials Evaluation - American Society for Nondestructive

Nondestructive testing. Nondestructive testing or non-destructive testing (NDT) is a wide group of analysis techniques used in science and technology industry to evaluate the properties of a material, component or system without causing damage.

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