

1.11.23. NON-DESTRUCTIVE ULTRASONIC INVESTIGATION OF THE STRUCTURE STATE OF STEAM PIPELINES

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The steam pipeline elements loaded at heavy stresses are considered. The stresses cause the changes of structure and different micro-defects.

In present work the dependence of the structural changes upon ultrasonic wave parameters is studied.

The methods of data digital processing are applied with the purpose of obtaining useful informative parameters for estimation of pipelines residual life.