CLAIMS

1. A method of stimulating non-destructive testing using at least one probe, characterized in that it comprises the following steps:

- ~~a~~ measurement ~~for~~ inspection parameters, ~~linked~~ to the position of said probe in the space; ~~and~~
- ~~a generation~~ of synthetic signals corresponding to an operation of non-destructive testing

and in that ~~the measurement for inspection parameters linked to~~ the position of said probe in the space is ~~carried out~~ by means of devices including gyroscopes.

2. A method according to claim 1, characterized in that said generation of synthetic signals is partially conditioned by a configuration generated by a configuration generator that consists of a virtual structure model.

3. A method according to claim 2, characterized in that said virtual model of the structure is completed by the introduction of defects and/or by the modification of the properties of the structure elements.

4. A method according to claim 1, characterized in that said synthetic signals are measured signals.

5. A method according to claim 1, characterized in that said synthetic signals are measured and modified signals.

6. A method according to claim 5, characterized in that said signals are modified according to a weighting, according to a time-based amplification, and/or according to a transfer function.

7. A method according to claim 1, characterized in that said synthetic signals are simulated and/or modeled.

8. A method according to claim 1, characterized in that said synthetic signals are a combination of:

- measured or possibly measured signals; and
- simulated and/or modeled signals.

CLAIMS

1. A method of stimulating non-destructive testing using at least one probe, characterized in that it comprises the following steps:

- measurement of inspection parameters, related to the position of said probe in the space;
- association of synthetic signals to the measured inspection parameters corresponding to an operation of non-destructive testing; and
- establishment of the correspondence between the inspection parameters and the signals;

and in that the position of said probe in the space is determined by means of devices including gyroscopes.

2. A method according to claim 1, characterized in that said generation of synthetic signals is partially conditioned by a configuration generated by a configuration generator that consists of a virtual structure model.

3. A method according to claim 2, characterized in that said virtual model of the structure is completed by the introduction of defects and/or by the modification of the properties of the structure elements.

4. A method according to claim 1, characterized in that said synthetic signals are measured signals.

5. A method according to claim 1, characterized in that said synthetic signals are measured and modified signals.

6. A method according to claim 5, characterized in that said signals are modified according to a weighting, according to a time-based amplification, and/or according to a transfer function.

7. A method according to claim 1, characterized in that said synthetic signals are simulated and/or modeled.

8. A method according to claim 1, characterized in that said synthetic signals are a combination of:

- measured or possibly measured signals; and
- simulated and/or modeled signals.