

ABSTRACT

To obtain a detection device that can detect a state a crack. A detection device includes: a crack detection unit (3) to detect a deformation on a surface of a structure
5 from image information on the structure; a step detection unit (4) to detect a step on the surface of the structure from three-dimensional point group information on the structure measured with a laser; and a determination unit (5) to determine a state of the deformation using
10 information on the deformation generated by the crack detection unit (3) and information on the step generated by the step detection unit (4).