ABSTRACT

OBSTACLE DETECTION SYSTEM AND OBSTACLE DETECTION METHOD

Provided are an obstacle detection system and an obstacle detection method in which accuracy of obstacle detection is improved. In an obstacle detection method including: a detection region setting step of setting a region of reflection points where a laser beam is reflected in a case where an obstacle is absent as detection regions in advance; and a determination step of determining presence or absence of an obstacle depending on a reflection beam reflected inside the detection regions, the detection region setting step sets, in advance, a front detection region Ra formed in front of the moving body in a traveling direction of the moving body, a first peripheral detection region Rb formed to surround a periphery of the front detection region Ra, and a second peripheral detection region Rc formed to surround a periphery of the first peripheral detection region Rb.

Figure 2