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ABSTRACT

An operation input reception unit (201) receives an operation input for a virtual vehicle. A running condition managing unit (203) manages the running condition of the virtual vehicle based on the received operation input. An image producing unit (204) produces a view field image seen from the viewpoint of the moving object based on stored image information and the managed moving condition. A velocity calculation unit (205) calculates the velocity of the moving object based on the managed moving condition. A deformed image producing unit (206) extracts an image of a rectangular area based on the velocity from the produced view field image and produces a deformed image obtained by deforming the extracted image into a trapezoidal shape. A display control unit (207) synthesizes the produced view field image and the produced deformed image and displays the synthesized image.