DESIGNING OF MEASURE SPEED AND DIRECTION SEA CASH WITH CONTROL MICROCONTROLLER ATMEGA8535

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Abstract
Tool measuring speed and direction of ocean currents is a function to measure the speed of flow in a sea arrah and detect the direction of flow of the sea. This tool is useful for the development of bridges, port development, development of dam-building and banguna that stands above the sea or rivers because every building that stood above the sea or rivers need the speed and direction values arusnya. This dusebabkan in order to determine the form of building construction and materials used for the development of the building. Tool measuring speed and direction of ocean currents has an error of 22.32% and accuracy of 76.2% in the sea flow sensor, whereas the flow velocity sensor has a sea of error 1.026% and accuracy of 98.7%.

Key words: speed of ocean current, direction of ocean currents Microcontroller ATmega8535