

ABSTRACT

Wave is a phenomenon that happens around us. This phenomenon happens around us, for example; an electromagnetic wave, sound wave, wave on the surface of a body of water and wave in a certain depth of water. However, because of the nature of a superposed wave, observing it directly would be a difficult task if not in a controlled environment.

To understand and describe further about waves and its superposed nature, the researcher made a device called a “Simple Wave Simulation System” that could simulate waves and its superposition state through a surface of water that reciprocate in a 1 dimensional movement.

Keywords: *Waves, superposition, visualization.*