



Interaction of two monochromatic waves at the water surface

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We investigate the interaction of two monochromatic waves with the range of the differences between the wavenumbers. The simulations are conducted with a fully nonlinear model. If the wavenumbers become very close, there is a change in dynamic of the interaction of two monochromatic waves with the downshifting of the initial wave energy. We performed further investigation of the phenomenon indicating possible existence of a physical limit for approximation of the continuous spectrum.