Figure II-7: Soliton height as a function of obstacle height for various Froude Numbers.

Precursor Soliton Height as a Function of Non-dimensional Bump Height for Various Froude Numbers

Non-dimensional obstacle height

Non-dimensional soliton height (at steady state or wave breaking)

Fn = 0.05
Fn = 0.15
Fn = 0.25
Fn = 0.5
Fn = 0.75
Fn = 1.0
Fn = 1.25
Fn = 1.5
Fn = 1.75
Fn = 2
Fn = 2.5

Figure II-7: Soliton height as a function of obstacle height for various Froude numbers.