5.3 Improper gage spacing and virtual standing wave .......................... 62
5.4 Energy crossing system boundaries ........................................... 62
5.5 Typical energy density spectrum for incident wave ....................... 63
5.6 Typical energy density spectrum for reflected wave ...................... 64
5.7 Typical energy density spectrum for transmitted wave .................. 64
5.8 Reflection theory vs. measured, .8 m bar spacing .......................... 68
5.9 Reflection theory vs. measured 1.2 m bar spacing ........................ 68
5.10 Energy Conserved: Theoretical and Measured .8 m bar spacing ......... 69
6.1 Definition sketch of bar field in front of a wall ........................... 76
6.2 Wave envelope in front of a wall for \( \eta \) directly and \( \eta = f^{-1/2}W \) numerical schemes, \( d = 4 \) ........................................... 77
6.3 Wave amplitude at the wall for \( \eta \) directly and \( \eta = f^{-1/2}W \) numerical schemes, \( d = 4 \) ........................................... 77
6.4 Wave envelope in front of a wall for \( \eta \) directly and \( \eta = f^{-1/2}W \) numerical schemes, \( d = 4.5 \) ........................................ 78
6.5 Wave amplitude at the wall for \( \eta \) directly and \( \eta = f^{-1/2}W \) numerical schemes, \( d = 4.5 \) ........................................ 79
6.6 Definition sketch of bar field on a sloping bottom in front of a shoreline 80
6.7 Wave envelope on a sloping beach with 4 sine shaped bumps, \( d = 10.0 \) 80
6.8 Wave envelope on a sloping beach with 4 sine shaped bumps, \( d = 10.5 \) 81
6.9 Wave amplitude at the shoreline vs. \( 2k/\lambda, d = 10.0 \) .................... 82
6.10 Wave amplitude at the shoreline vs. \( 2k/\lambda, d = 10.5 \) .................... 82
6.11 Wave amplitude at \( x = 7 \) m vs. \( 2k/\lambda, d = 10.0 \) ....................... 83
6.12 Wave amplitude at \( x = 7 \) m vs. \( 2k/\lambda, d = 10.5 \) ....................... 83