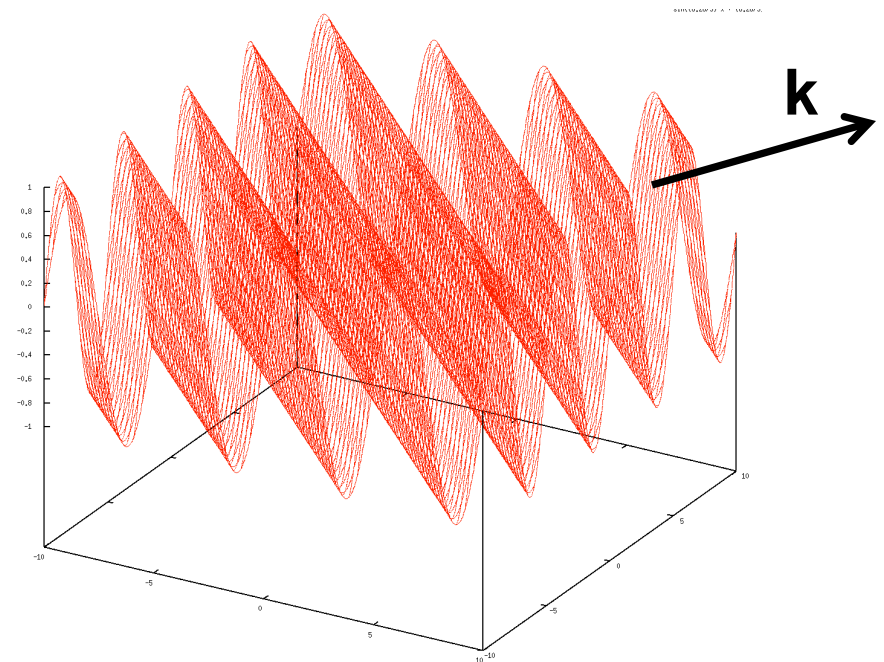
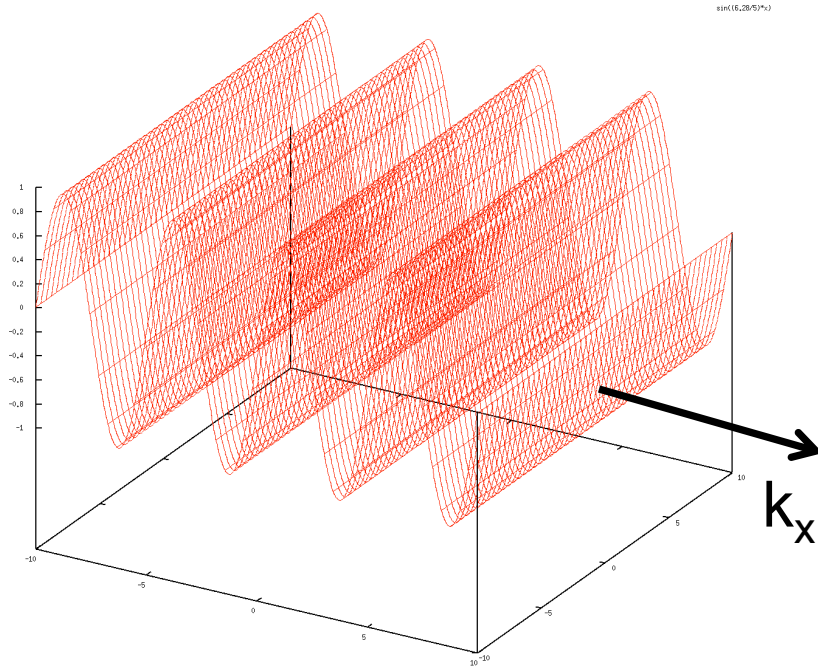


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k_1 and k_2 have the same magnitude but different directions:

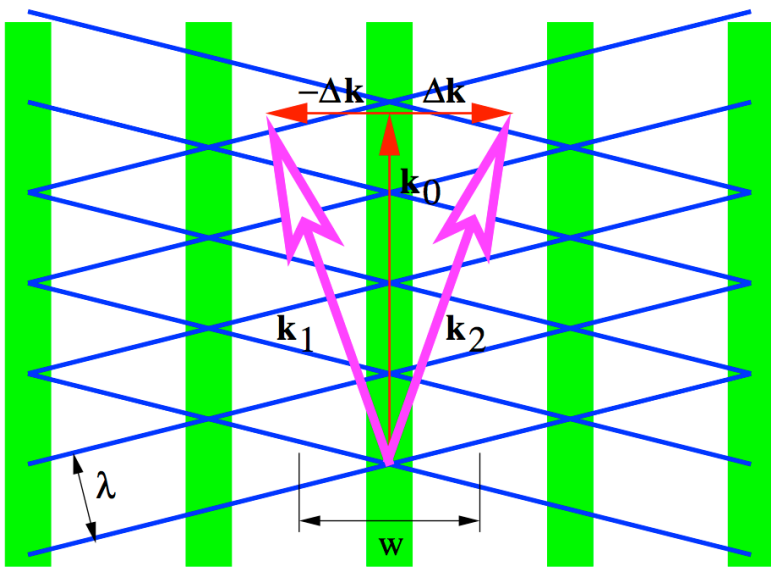


Figure 2.7

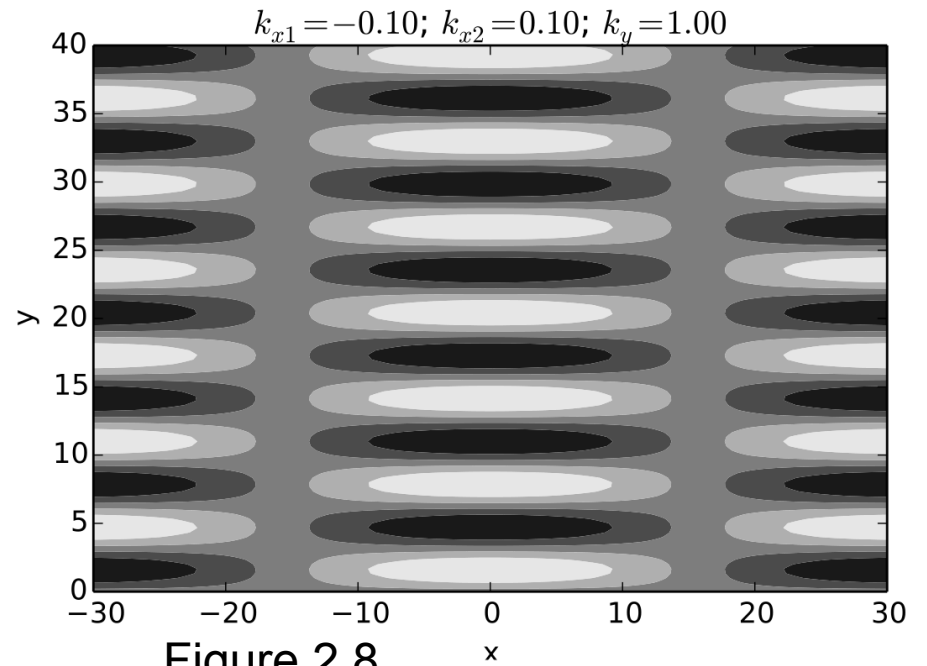
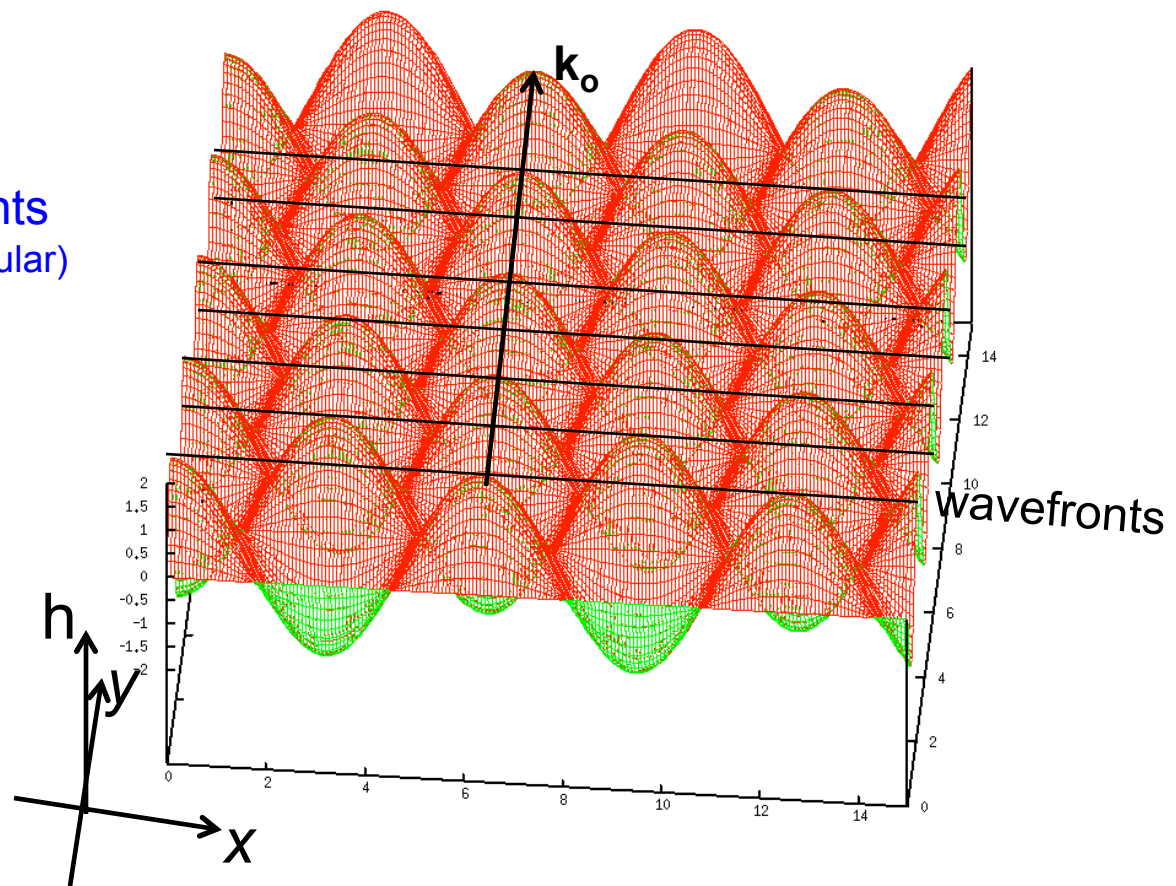
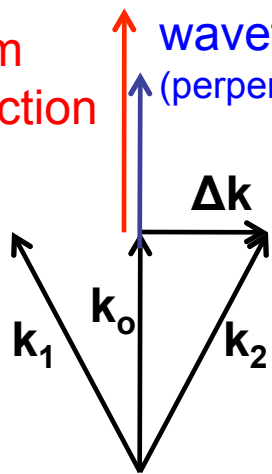


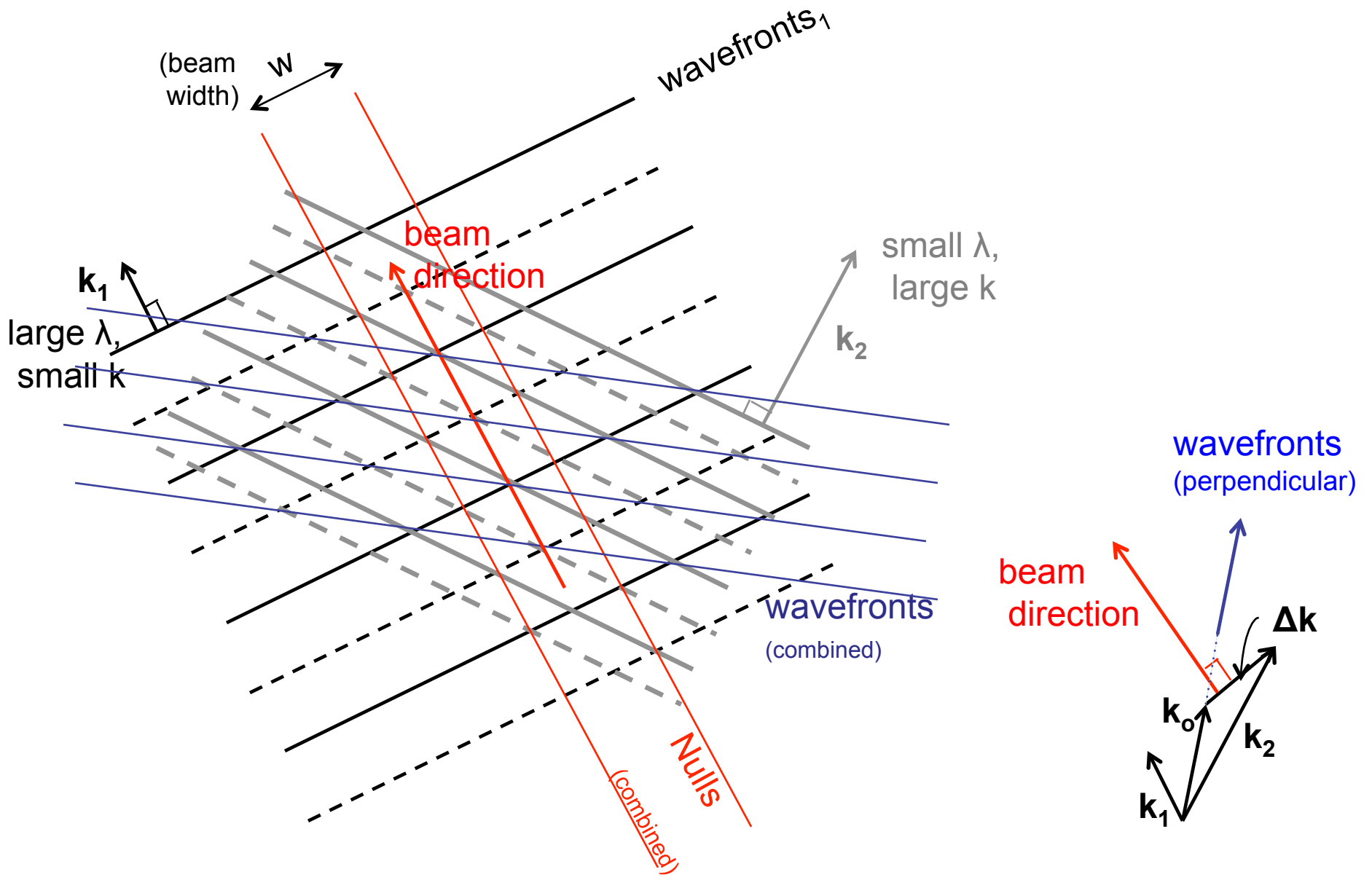
Figure 2.8

beam
direction

wavefronts
(perpendicular)

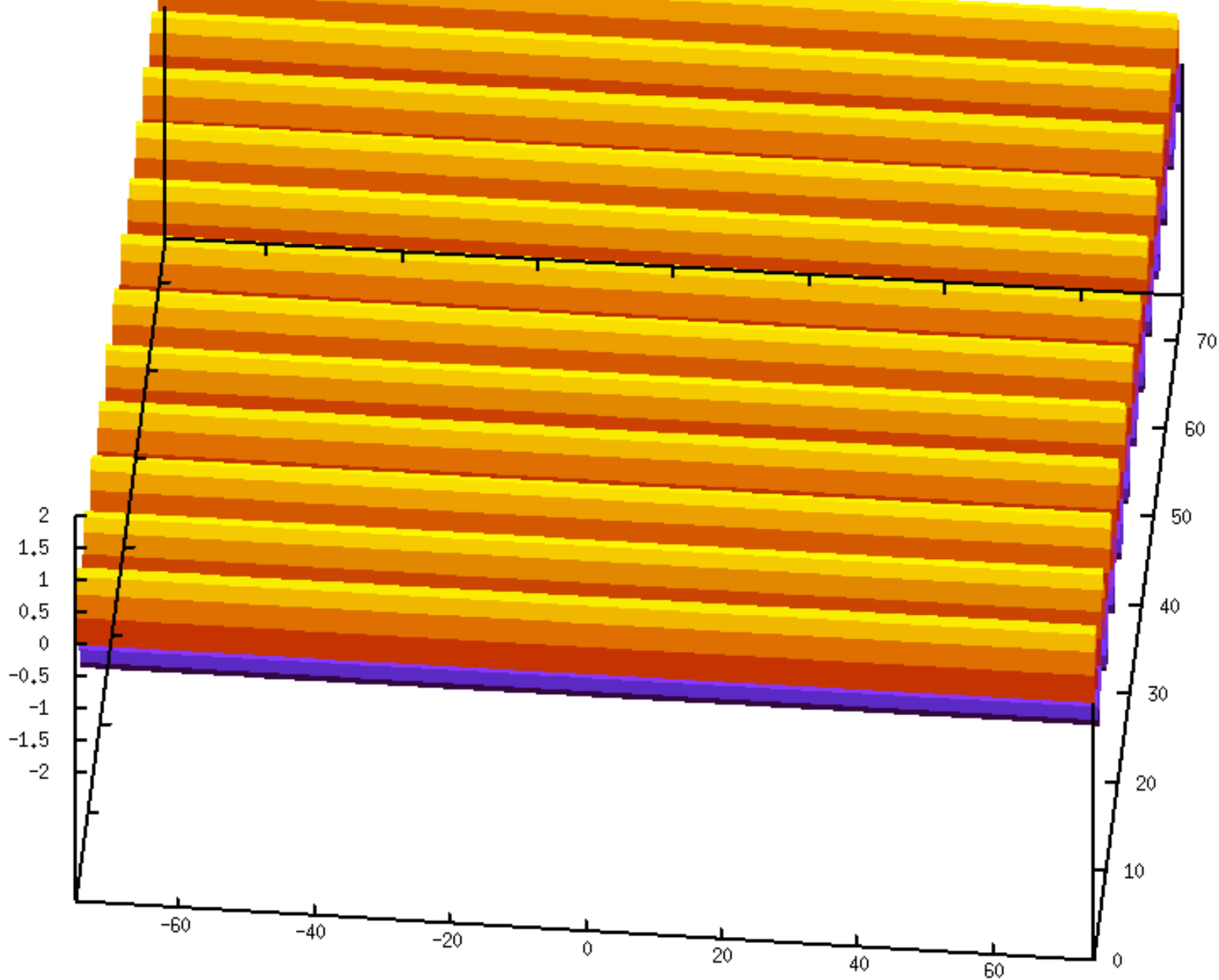


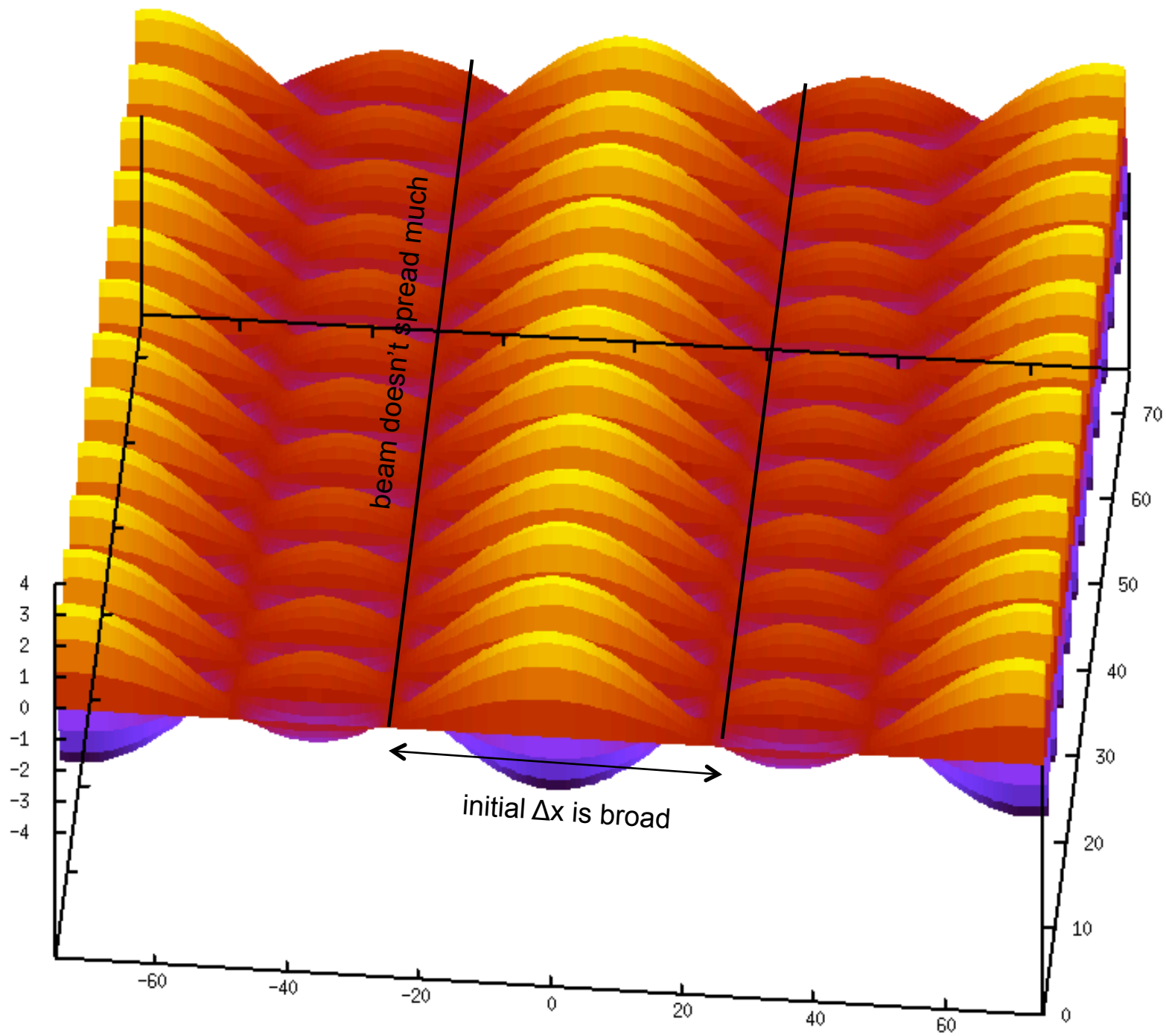
k_1 and k_2 have different magnitudes and directions:

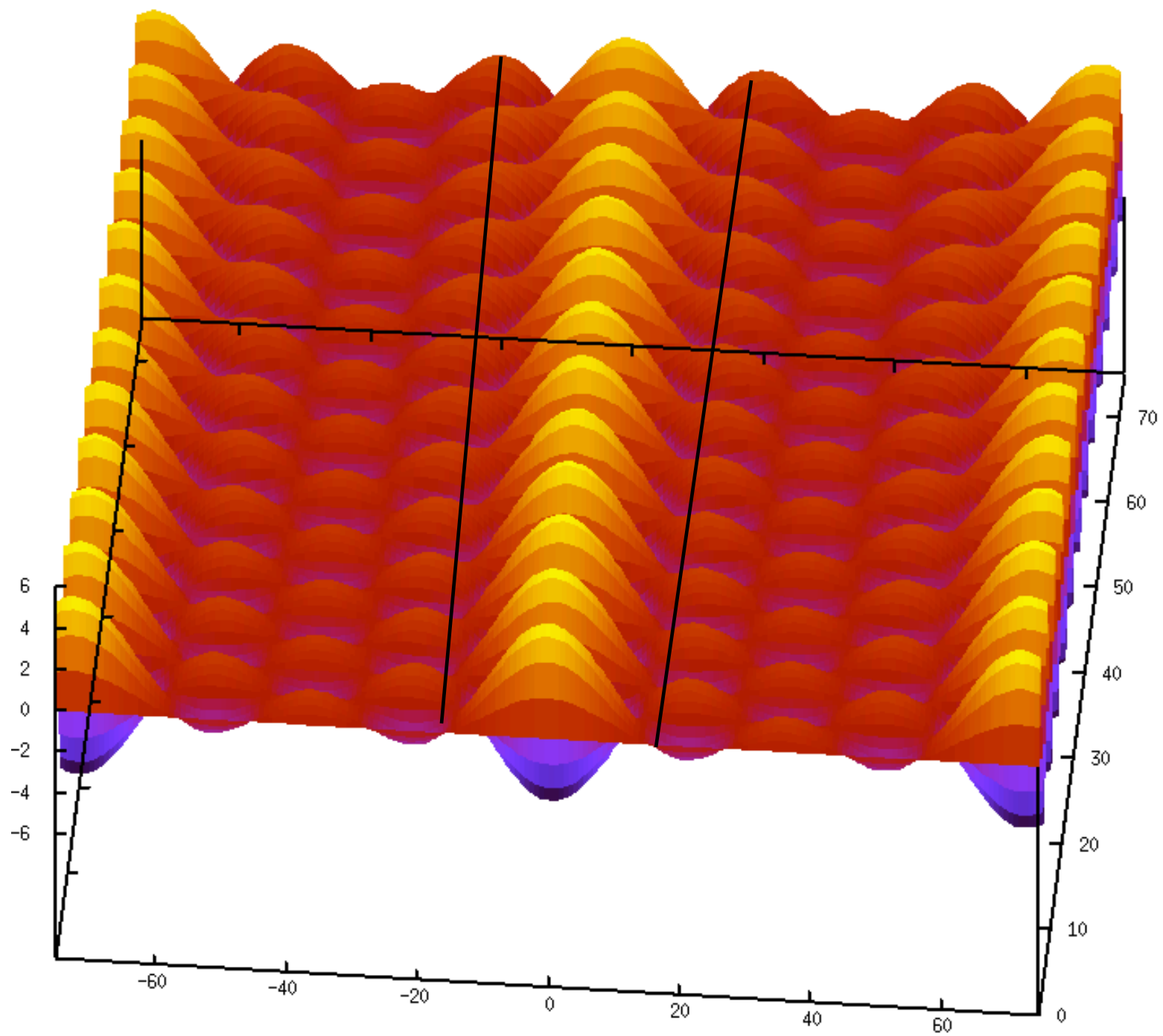
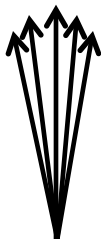


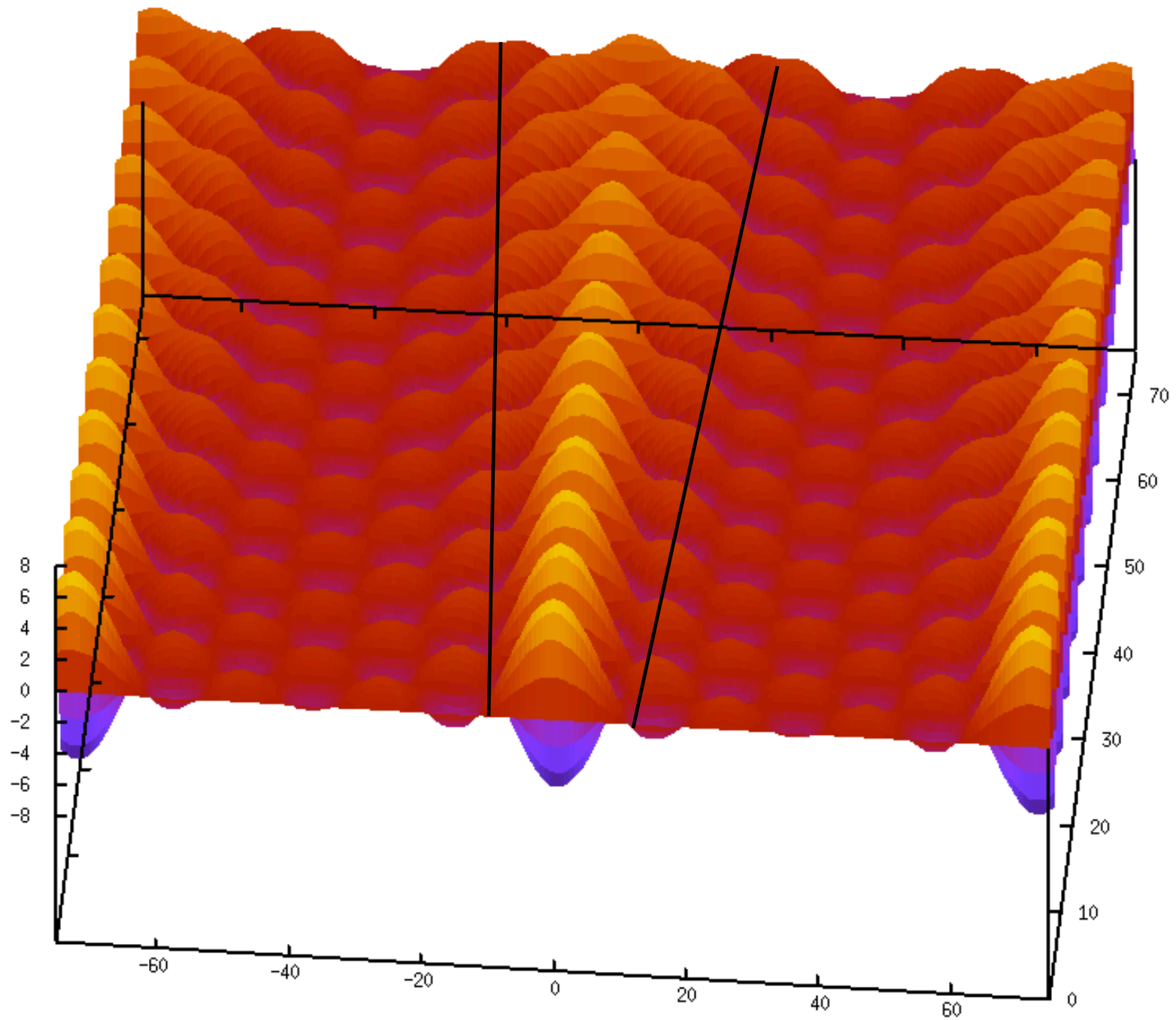
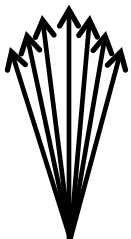
Beamwidth and Beam spreading

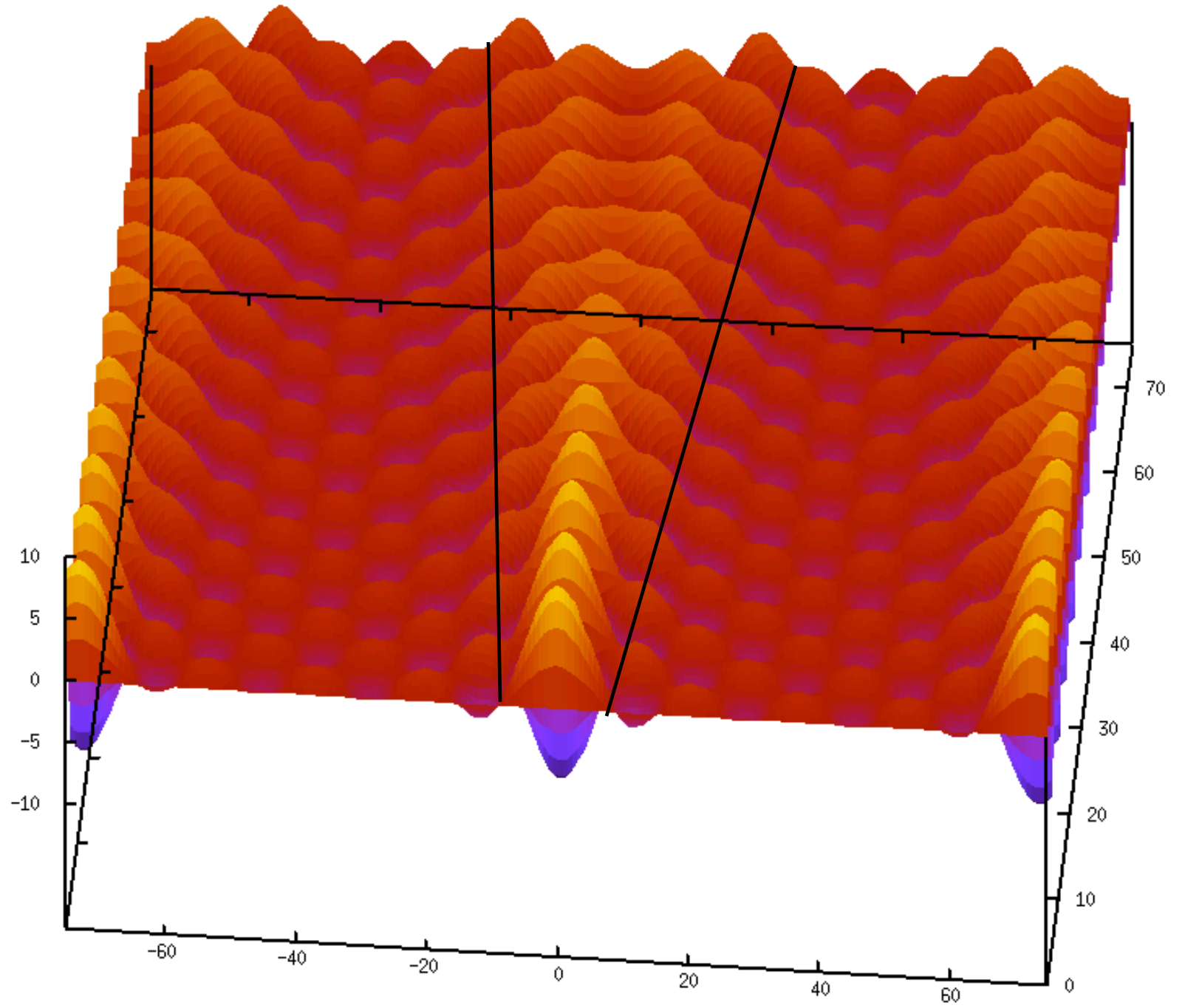
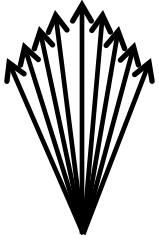
k 's

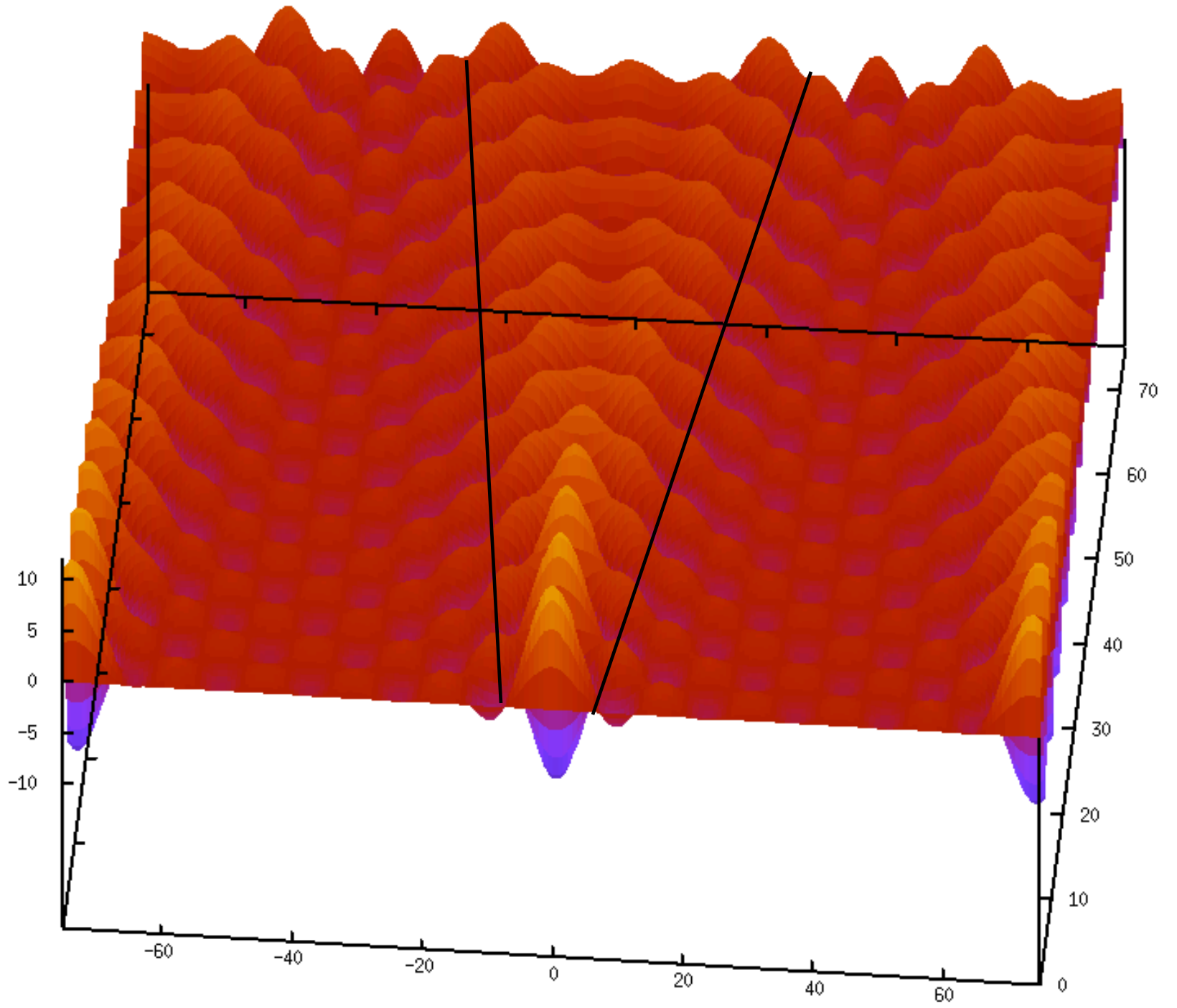
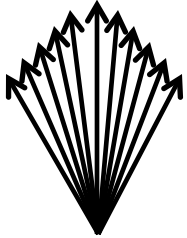


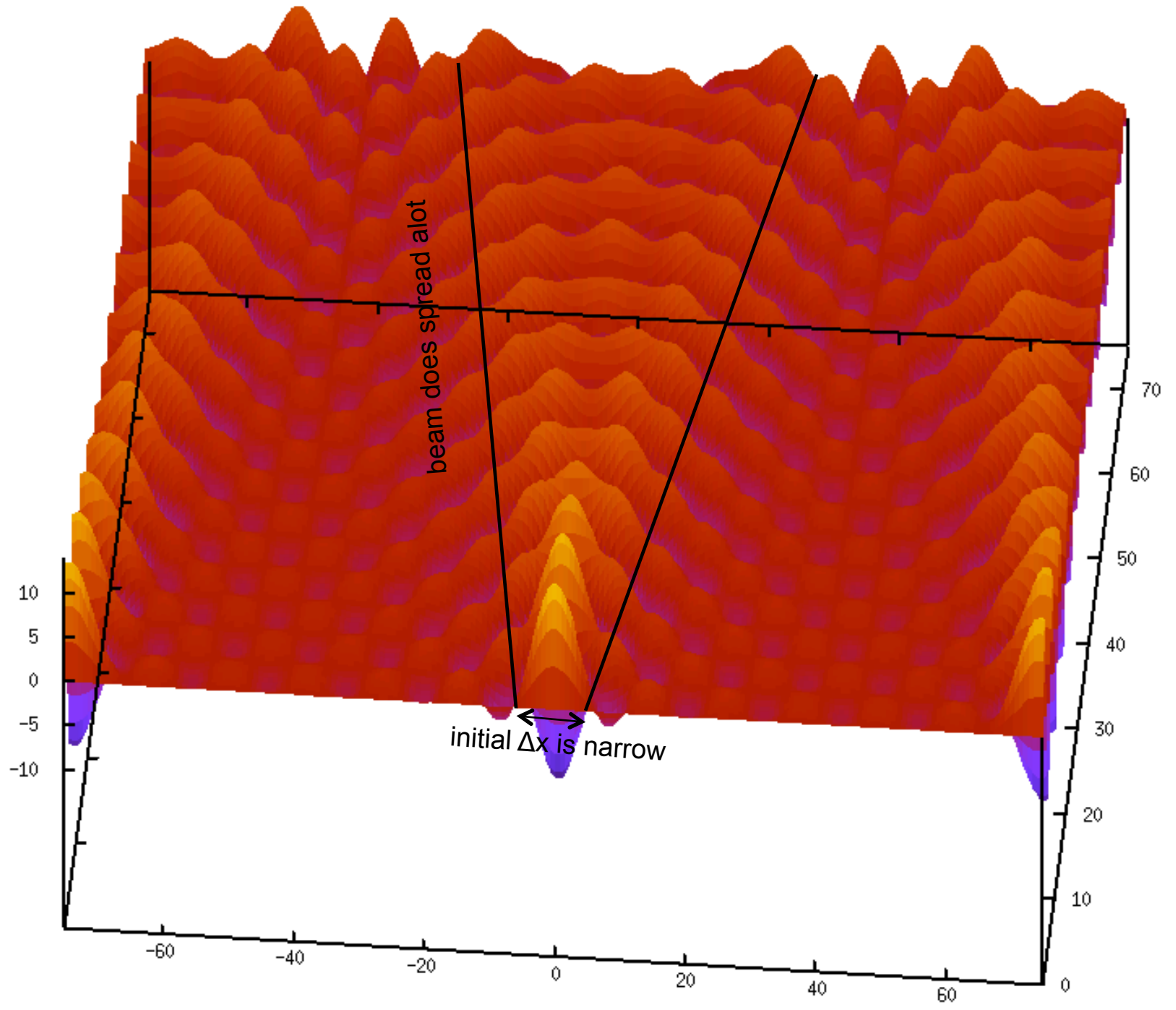
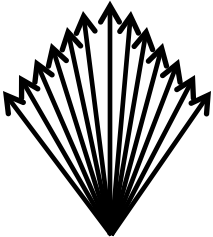




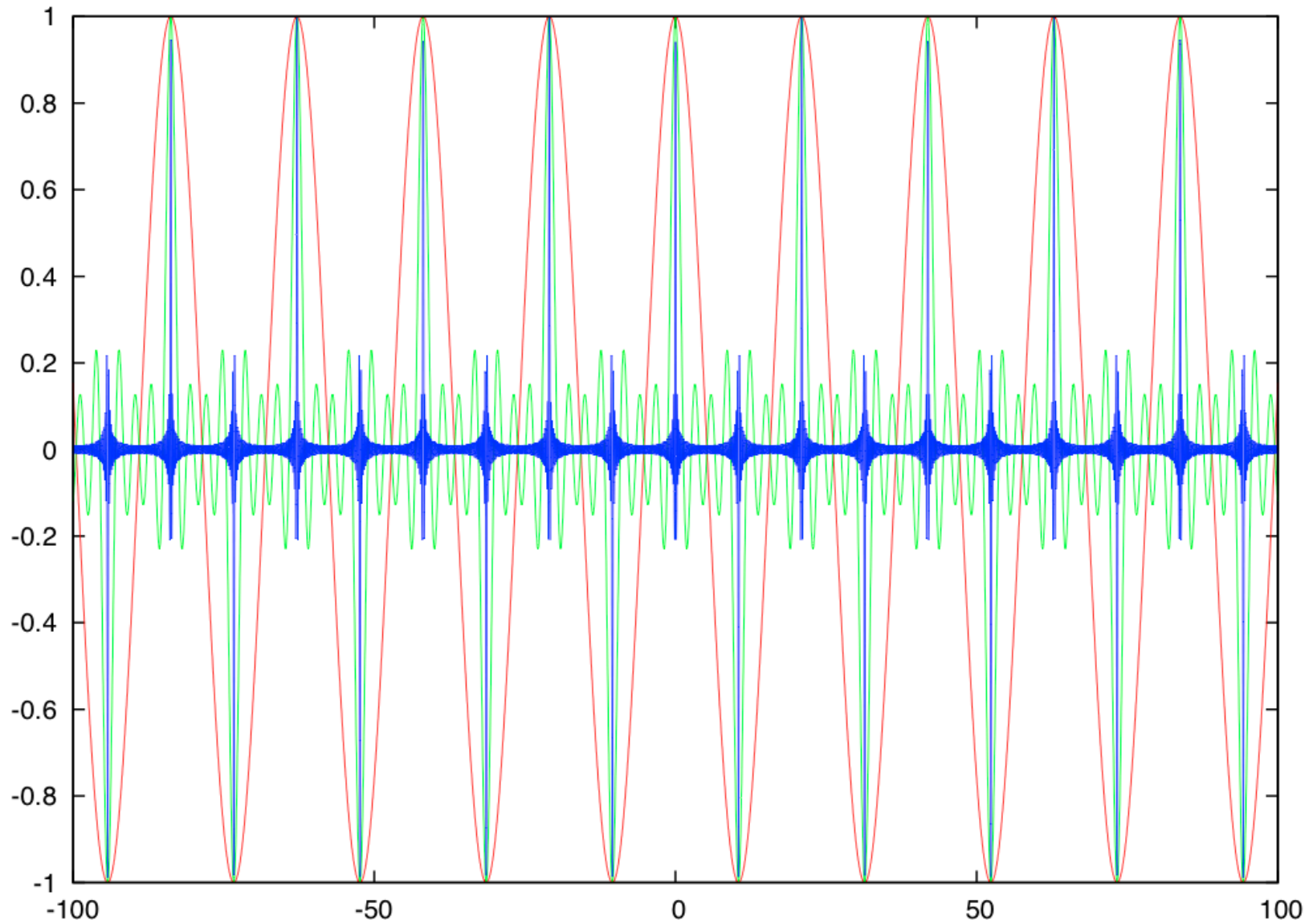








h(N slit experiment): **N=2** **N=8** **N=100**



$I \sim h^2$ (N slit experiment): **N=2** **N=8** **N=100**

