HW #3

Probl: n = es.n(wx) The 1D signel
is a sinosudial curve, and the dertake
Will compute the peck of each curve. Noise
is amplified even higher when computing
derivative, thus leading to an even higher
difference between I and Irn.

Prob 2: x cos & + y sin & = r. In hough space,

& the possible lines passing through the

Point (xpr) i) represented by euros (sinosudal)

Each sinosudal curve is all possible lines passing

through (xpr). Recoverying this gives you

y = r-xcos & which is a sinosudal avvie.

The more possible like possing throught the point (xxx), the more the frequency of the twee. Thus high instensity reflect detected likes.

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