
Figure 2-1 Lines of zero phase for the function $\exp \left[j 2 \pi\left(f_{X} x+f_{Y} y\right)\right]$.




| $\tau$ |  | dEsegh suydo .xi.mo ${ }_{\text {d }}$ |  |
| :---: | :---: | :---: | :---: |
|  | ${ }^{2} \boldsymbol{H}+{ }^{I} \boldsymbol{H}$ |  | ${ }^{2} f+{ }^{L} f$ |
|  | ${ }_{*}^{\tau} H^{\top} \pm$ | ио!џе\|әлоь | ${ }^{2} f \otimes{ }^{\top} f$ |
|  | ${ }^{2} H *{ }^{5}{ }^{\prime}$ |  | ${ }^{2} \mathrm{f} 5$ |
|  | ${ }^{\tau_{H}{ }^{\text {I }} \text { I }}$ | uo!ın\|0^U0才 | ${ }^{\tau} f *{ }^{1} f$ |
|  | $\left({ }^{0} n-n\right) H_{H}$ |  | (x) $f_{x 0 n \pm Z!}{ }^{\circ}$ |
|  | ( $n$ ) $J_{\text {oxnzz }}{ }^{\text {a }}$ | H!पS | $\left({ }^{0} x-x\right) f$ |
|  | $(n-)_{*}{ }^{\text {d }}$ |  | $(x)_{*} f$ |
|  | $(\mathrm{n} \mathrm{e})_{\boldsymbol{H}}\|\mathfrak{e}\|$ | 6u!peos | $(\mathrm{e} / \mathrm{X}) \mathrm{I}$ |
|  | $x p_{x n y z!-} \partial(x) f_{\infty}^{\infty-} \int_{\text {\|\| }}=$ | - u! sworоәч! э!seg $(n)_{\boldsymbol{H}}$ <br>  | $\begin{array}{ll} n p_{x n x z!} \partial(n) A_{\infty}^{\infty-} \\ \text { a-เ әчц } \end{array}$ |
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Point sources and source Points for Green's
Functions
Fresnel-Kirchhoff boundary cond.

- Illumination of the screen from a
point source at $\mathrm{P}_{2}$
Choice of Green's Functions in the
Rayleigh-Sommerfled treatment of
Diffraction
- In this case the Green's function
source points are symmetric about
the plane of the screen.

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