

Fig. 22-11. Intensity of the interference pattern for 2, 4, 8, and very many sources. The source spacing  $a$  is kept constant.

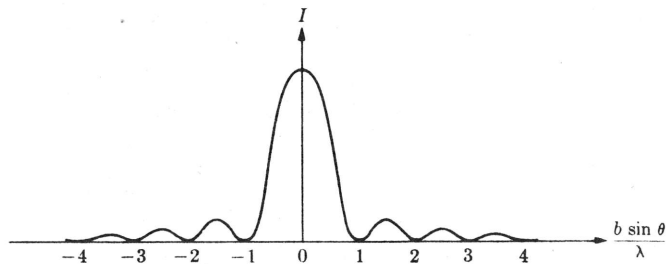


Fig. 23-4. Intensity distribution of the diffraction pattern of a long narrow slit.

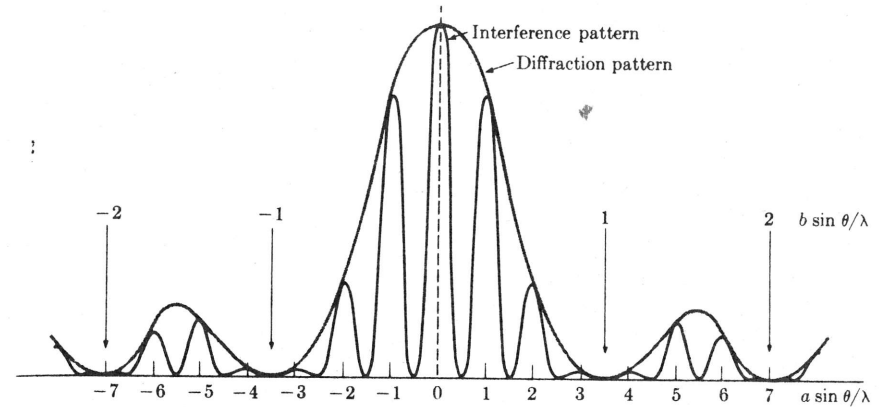


Fig. 23-17. Intensity distribution (along a plane set normal to the incident light) resulting from two parallel long narrow slits.

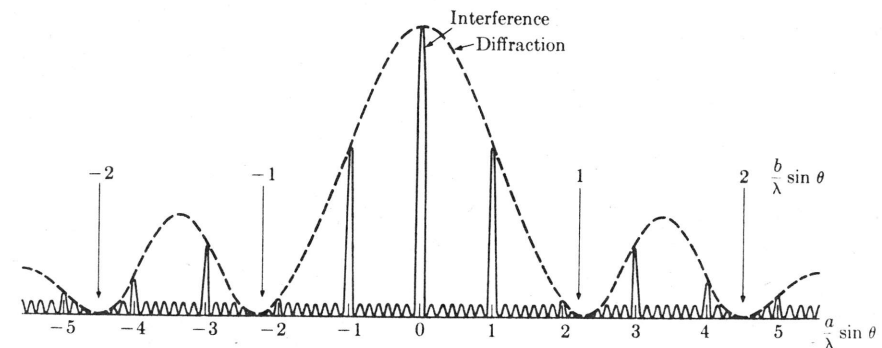


Fig. 23-20. Intensity distribution produced by a diffraction grating on a plane placed normal to the incident light and parallel to the grating.