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If the rays are not incident parallel to the axis of the paraboloidal surface they are no longer brought to a focus. Fig. 166 illustrates what happens when the rays are inclined at an angle of 28° to the axis. There is no sharp focus as at F in Fig. 166, although there is a rough concentration of rays in the region of F'. We see, therefore, that in order to get the best results with a paraboloidal sound-collector the axis of the surface must always be directed towards the source of sound.

§ 15.41. The Reflection of a Plane Wave-Front by a Paraboloidal Mirror.

By taking a plane wave-front at some given position in front of the mirror and then reconstructing the wave from the reflected rays (incident
§ 17.1. The Baillaud Paraboloid.

A movable sound-mirror (the Baillaud paraboloid) was adopted by the French Army for aircraft location in 1918. Its adoption was the result of experiments which had been conducted from 1916 to 1918 at the Établissement central du Materiel de la Radiotelegraphie militaire under the direction of General Ferrié.*

The Baillaud paraboloid comprises a light paraboloidal mirror mounted on an altazimuth stand, and having two pairs of binaural
Most Blue Skies
the bluest sky in the world
0.7 km from Ayacucho, Peru.
The First stars in the planetarium
Nikolaj Copenhagen Contemporary Art Centre, collaboration with The Danish Stock Exchange, 2004
Trinity House, live control map of maritime warning systems
Double tube section inserted here
anechoic chamber at Kockum Sonics, Sweden
Vessels from the North East taking part in the Foghorn requiem armada