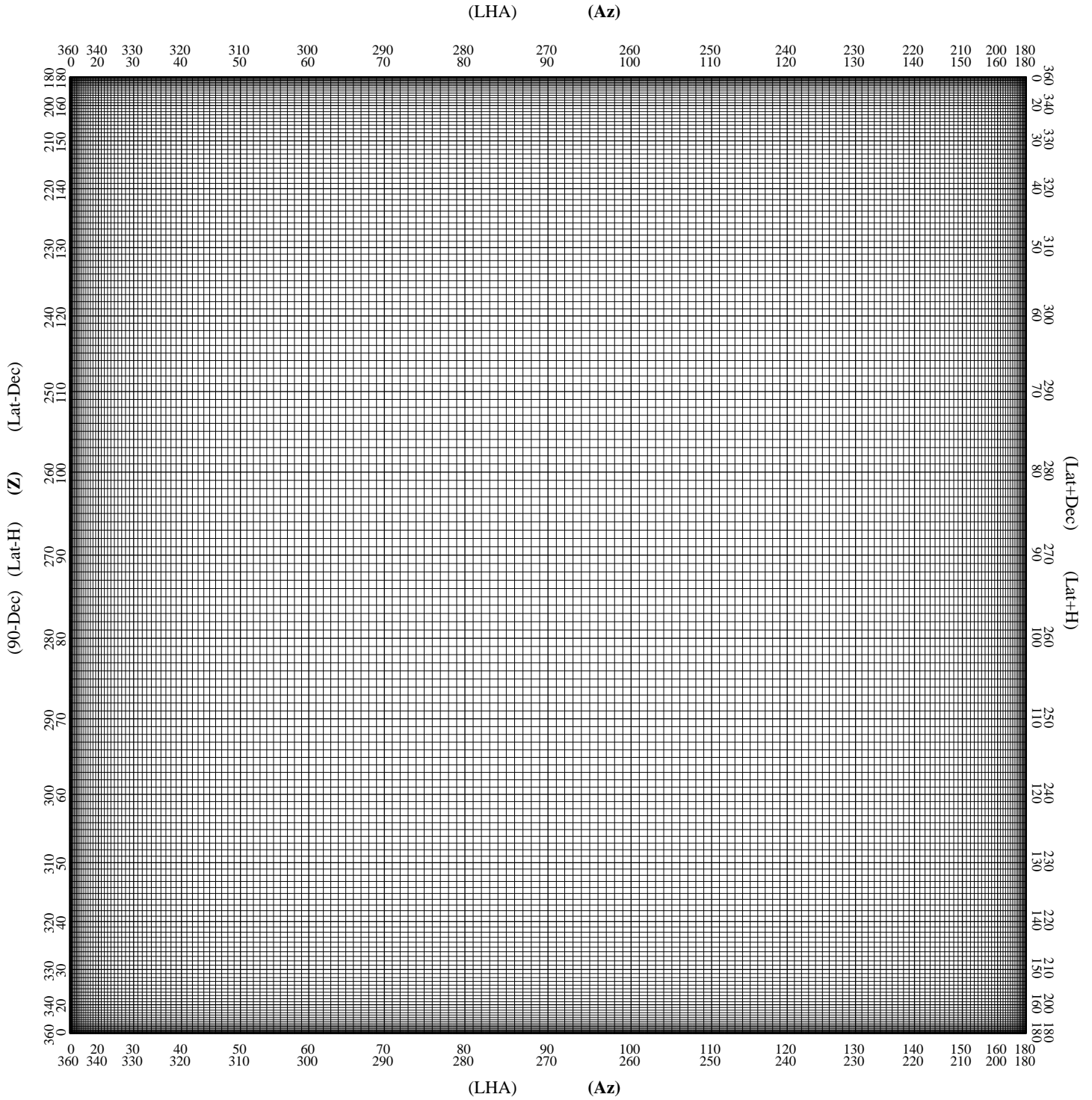
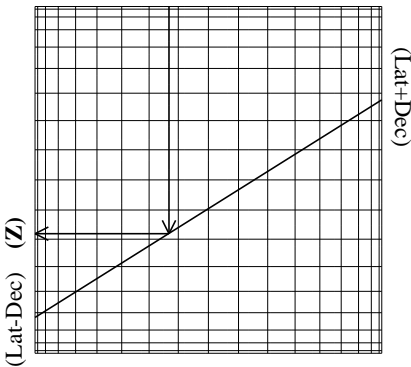


D'Ocagne Nomogram



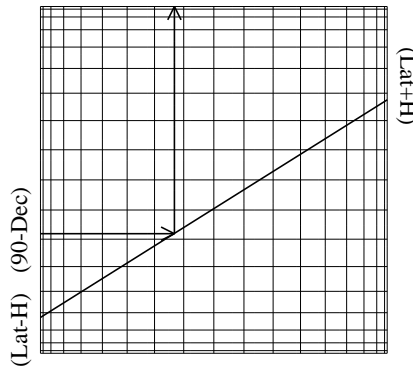
(Lat,Dec,LHA) -> Z

(LHA)



(Lat,Dec,H) -> Az

(Az)



First published by Maurice d'Ocagne in *Nomographie - Les calculs usuels des abaques*, 1891, this nomogram serves to graphical solution of zenith distance (Z) from latitude (Lat), declination (Dec) and local hour angle, (LHA), or for azimuth (Az) from latitude, declination and height (H).

To find Z, enter at the left with (Lat-Dec) and at the right with (Lat+Dec), and join these points by a straight line. Find LHA at top or bottom and follow along the vertical to the straight line. Then pass horizontally to the lefthand scale and read off the zenith distance.

Find Az from (Lat-H), (Lat+H) and (90-Dec) likewise.