

## $\alpha$ -Polaris

The astronomical coordinates of  $\alpha$ -Polaris with respect to ICRS at the epoch J2000.0 are

$$\alpha = 2h\ 31min\ 48.7s, \quad \delta = 89^\circ\ 15'\ 51''$$

What are azimuth and elevation angle of  $\alpha$ -Polaris seen from the position

$$L = 9.16^\circ, \quad B = 48.75^\circ$$

at 24. December 2014 at 20 h CET?