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# zemepisna sirka stanoviste phi [DD:MM:SS]:
# velka poloosa elipsy a [cm]:
# casovy krok dt [HH:MM:SS]:
# casovy krok elipsy dte [HH:MM:SS]:
# sirka desky w [cm]:
# phi = 50.083333 deg
# a = 233.65 cm, 2a = 467.30 cm
# dt = 1.000000 h
# dte = 0.016667 h
# w = 35.00 cm
# parametry elipsy: mala poloosa & vzdalenost ohniska od stredu
# b = 179.20 cm, 2b = 358.41 cm
# MF = 149.93 cm
# Lambertovy kruznice: deklinace & polomer & poloha stredu x = 0
# delta = -23.4393 deg, R = -205.41 cm, y = -140.40 cm
# delta = 23.4393 deg, R = 205.41 cm, y = 140.40 cm
```