1-1/1

Orllen V. Beadands

Pall

UXX261

Datum: 2014.12.27 1di : 14:00 LT telli in -13:00 UT Help: Stombathely (47,2307 N; 16,6218 E)

GMST (So): 6 22 413 = 6,378051

 $S = S_0 + D\lambda^{h} + \frac{ds}{dm} UT$ $\frac{ds}{dm} \approx \frac{86400}{86164}$

 $S = 6/37805 + \frac{16,6218}{15} + \frac{86600}{86164} \cdot 17 = 20,52178$

S = 20 h 31 m 18,4

1.1/2.

Hely: Sreged (46,2530N; 20,14145)

Venum: $x_r = 18,6983^h$ $S = -24,06916^\circ$

m =0 : mil-7 A =?

LHA:

 $\cos(H_r) = \frac{\sin(m_r) - \sin(\delta_r) \cdot \sin(\gamma)}{\cos(\delta_r) \cdot \cos(\gamma)} = -\frac{\log(\delta_r) \log(\gamma)}{\cos(\delta_r)}$

11-18172° = uyog rds D -117,8172° = keles D (= 242,18°)

Kelds:
$$t_{e} = \frac{Hv_{e}}{15} = -\frac{117,8172}{15}$$

Ariunt: 1. $\min(A) = -\frac{\min(H) \cdot 60(5)}{\cos(H)} = -\frac{\min(H) \cdot 60(5)}{\cos(H)}$

2. $\cos(A) = \frac{\min(5) - \min(9) \min(H)}{\cos(H)} = \frac{\min(6)}{\cos(H)}$

1. $A_{4} = \frac{52,856}{126,143}$

2. $A_{4} = \frac{126,143}{15}$

2. $A_{4} = \frac{117,8172}{15} = 7,85148$

Ariunt:

1. $\sin(A) = -\min(H) \cos(5)$

2. $\cos(A) = \frac{117,8172}{\cos(A)} = 7,85148$

1. $\sin(A) = -\min(H) \cos(5)$

2. $\cos(A) = \frac{\min(6)}{\cos(9)}$

1.
$$A_{y} = \frac{-52,856^{\circ}}{273,856^{\circ}}$$

$$2 A_{y} = \frac{126,143^{\circ}}{237,856^{\circ}}$$

Eltelt odő:
$$2h - (16,14552^4 - 7,85448)^4 - 15,70896^4$$

1.1/3.

Datum: 2018.12.22

Nap:
$$\alpha = 18^{4}$$
 $\delta = -13,45^{\circ}$

GMST(So) = 6

$$w = -18^{\circ}$$

$$\cos\left(H_{\bullet}\right) = \frac{\sin\left(m_{o}\right) - \sin\left(\delta_{o}\right)\sin\left(\varphi\right)}{\cos\left(\delta_{o}\right) \cdot \cos\varphi}$$

$$H_0 = \frac{91,2735^{\circ}}{-91,2735^{\circ}} \rightarrow \mathcal{D}$$
 uske

Hely: Punkelstels (47,91806 W)

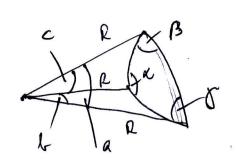
19,8942 5)

$$t_{exte} = 6,0849^h$$

 $t_{hyd} = 17,9151^h$

1.2/1.

Pall Balabas UXB261



$$a = 57^{\circ}22^{\prime}$$
 $b = 32^{\circ}12^{\prime}$
 $o = 91^{\circ}1^{\prime}$

Verbralge hai Repletit.

$$C = avetage \left[(bolh (a) co(b) - co(a) shu(b) co(r)^{2} + (bir(b) shu(b))^{2} \right]$$

$$Cos(a) co(b) + shu(a) siu(b) co(r)$$

$$\alpha = \operatorname{arctor} \left\{ \operatorname{Nin}(a) \operatorname{Sin}(f) \right\}$$

$$\operatorname{Nin}(b) \operatorname{Gs}(a) - \operatorname{Gs}(b) \operatorname{Nin}(a) \operatorname{Gs}(b) \right\}$$

0 2 a 2 180°

$$P = \operatorname{arch} \left\{ \frac{\operatorname{sin}(b) \operatorname{sin}(b)}{\operatorname{sin}(b) \operatorname{as}(b) - \operatorname{cos}(a) \operatorname{rin}(b)} \right\}$$

$$0
$$p = 73,1925^{\circ}$$$$

1.2/2.

Hely: Laya (46, 1803N), 19,011/E)

Altair:
$$K = 19,8625^{h}$$
 $S = 8,92778^{o}$

GMST(So): $\frac{8^{4}47^{-1}42^{o}}{47^{4}57^{-1}19^{o}} = 17,9553^{h}$

1d: $20.45LT \rightarrow 18.45^{o}UT$

Detum: $\sim 2013.06.21 \rightarrow uyah$ showland Hely

 $S = S_{o} + \Delta \lambda^{h} + \frac{ds}{am}$. UT
 $S = 17,9553^{h} + \frac{(19,011)^{h}}{15} + 1,0027379.18,75^{h}$
 $S = 14,02404^{h}$
 $S = 14,02404^{h}$
 $S = 14,02404^{h}$
 $S = 14,02404^{h}$
 $S = 18,1615^{h} \rightarrow H = 15^{h} = 272,123^{o}$

Mayordy (h):

 $S = 18,1615^{h} \rightarrow 18,15^{h} = 18,15^{h}$
 $S = 18,1615^{h} \rightarrow 18,15^{h}$
 $S = 18,1615^{h$

1.
$$An(A) = -Din(A) \cdot co(a)$$

$$Cos(m)$$

$$= -Din(A) \cdot co(a)$$

$$= -Din$$

2.
$$Gr(A) = Nr(5) - Nr(4) Ar(4)
 $Gr(4) Gr(4)$

$$-85,5163$$$$

1.2./3. 1di : 20 34 53° LT

ldj. C.o. (-22,9068H] -43,13298)

Land Color (-22,9068H) -43,13298)

Land Color (-22,9068H) -43,13298) Datum: 201804.14. GMST (So): 13 ho 18 Posszal van megadin a beadendor leladatai között!!!! S = So + DA + ds UT S = 13,6716 + (-1,527124) + 86400 .22,5812 h JS = 09:26:12 => 9426 121 Derlindation (d) Nu (8) = Nu (un). Nu (4) + co (un) co (4). co (A) 5 = - 51 14 9" + lettancerió (a): $\frac{1}{2} \left(\operatorname{co}(4) = \frac{\operatorname{sin}(u) - \operatorname{sin}(b) \operatorname{sin}(e)}{\operatorname{co}(b) \operatorname{co}(4)} \right)$ $= - \frac{\partial u(A) \cdot bs(w)}{bs(S)}$ $\frac{11246}{154,875}^{2} 154,875^{2} + = \frac{25,1247}{15}^{2} - 25,1247^{2}$ $t = \frac{t}{15} = 1,675^{2} \Rightarrow \left(x = 5 - t = 7,7617^{4} \right)$