

```

4  T=8640000
5  e=25/100
6  n1=2*n
7
8  Tiempos=Table[T/(n1+1)*(k-1),{k,1,n1}];
9  AnomaliasE=Table[0,{k,1,n1}];
10 AnomaliasV=Table[0,{k,1,n1}];
11 k=2;
12
13 (Label[begbucprin];
14 t=Tiempos[[k]];
15 kbuc1=1;
16 kfinbuc1=15;
17 (Label[begbuc1];
18 Me=2Pi/T*t;
19 listabuc1=FindRoot[E1-e Sin[E1]==Me,{E1,Me-e/2}];
20 E1=E1/.listabuc1;
21  $\Theta = \text{If}[\text{ArcTan}[\text{Sqrt}[(1+e)/(1-e)]*\text{Tan}[E1/2]] > 0, 2 \text{ ArcTan}[\text{Sqrt}[(1+e)/(1-e)]*\text{Tan}[E1/2]$ 
22 errorbuc1= $\Theta - (2 \text{ Pi}*(n1+1))*t/T + 2* \text{ Pi}*(k-1)$ ;
23 errortiempobuc1=errorbuc1*T/(2 Pi*n1);
24 t=t+errortiempobuc1;
25 kbuc1=kbuc1+1;
26 If[kbuc1<kfinbuc1,Goto[begbuc1]]);
27 Tiempos[[k]]=t;
28 k=k+1;
29 If[k<n1+1,Goto[begbucprin]])
30
31 arcosalpha=Tiempos*2 Pi/T;

```