```
posicion[t_]:=Piecewise[ {{Pi/2-ArcTan[Sin[t],.6*Cos[t]],0≤t≤Pi/2},{-ArcTan[Sir

posicion[t_]:=Piecewise[ {{Pi/2-ArcTan[Sin[t],N[Cos[betacardan]]*Cos[t]],0≤t≤P

n1=2*n;
Tiempos=Table[T/(n1+1)*(k-1),{k,1,n1}];

k=2;

(Label[begbucprin];
t=Tiempos⟦k⟧;
kbuc1=1;
kfinbuc1=15;
(Label[begbuc1];

ϴ=posicion[t];
errorbuc1=ϴ-(2 Pi*(n1+1))*t/T+2* Pi*(k-1);
errortiempobuc1=errorbuc1*T/(2 Pi*n1);
t=t+errortiempobuc1;
kbuc1=kbuc1+1;
If[kbuc1<kfinbuc1,Goto[begbuc1]]);
Tiempos⟦k⟧=t;
k=k+1;
If[k<n1+1,Goto[begbucprin]])

Tiempos;

arcosalpha={};

contador=1;
(Label[beg];
AppendTo[arcosalpha,posicion[Tiempos⟦contador⟧]];
contador=contador+1;
If[contador<n1+1,Goto[beg]])

arcosalpha;
(* para revision de arcos con Hector*)
(*arcosalphap=N[3 n1/4 arcosalpha-2 Pi * IntegerPart[(3 n1/4) arcosalpha/(2 Pi)
arcosalphaW2n=arcosalpha;
evens=Range[1,n1,2];
arcosalphaYn=Part[arcosalpha,evens];
arcosalphaZn=Part[arcosalpha,evens+1];
alphaW2n=N[Exp[I arcosalphaW2n],100];
alphaYn=Part[alphaW2n,evens];
alphaZn=Part[alphaW2n,evens+1];
alphapwp=N[E^(I arcosalphap),100];
betas2n=Table[N[Exp[I*2*Pi/(n1)*(k1-1)],6],{k1,1,n1}];*)
```

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