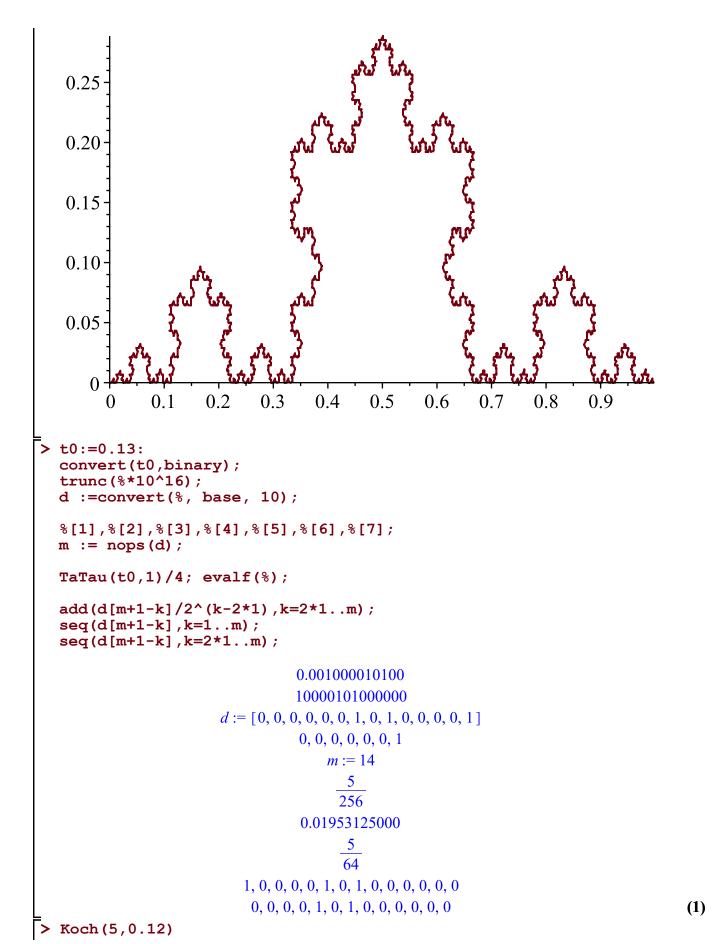
```
> restart:
  N := 10000:
  for k from 0 to N do
            T[k] := evalf(k/N);
  end do:
  TaTau:=proc(t,n)
            add (dig(t,k)/2^{(k-2*n)}, k=2*n+2..30, 2):
  end proc:
 g:=proc(a,b)
  (-1)^a (a-b)^2:
  end proc:
 dig1 := proc (t, n)
            local tList,tString, NomerE, m;
            convert(t,binary);
            tString:=convert(%,string);
            NomerE:=SearchText("e"
                                              , 응);
            m:=length(tString);
            if NomerR<>0 then
                       tString:=substring(tString,2..NomerE-1):
            else
                       tString:=substring(tString,2..m):
            fi:
            tList:=convert(tString,list);
            parse(tList[n]);
  end proc:
  dig:= proc (t, n)
            local s,p,i:
            s:=t:
            for i from 1 to n do
                      p:=trunc(s*2):
                       s:=s*2-p:
            end do:
            p;
  end proc:
  Koch:=proc(n,t)
            local c, alpha;
            alpha:=evalf(Pi/3):
            c:=1/(2+2*cos(alpha)):
            c^n*TaTau(t,n)*exp(I*alpha*add(g(dig(t,2*k-1),dig(t,2*
  k), k=1..n) +add(c^{(j-1)}*(dig(t,2*j-1)*(dig(t,2*j-1)+dig(t,2*j))
  /2+(-1)^{dig}(t,2*j-1)*dig(t,2*j)*c+dig(t,2*j-1)*(1-dig(t,2*j))*c*
  sin(alpha)*I)*exp(I*alpha*add(g(dig(t,2*k-1),dig(t,2*k)),k=1...
  j-1)), j=1..n):
  end proc:
> plot([seq([evalc(Re(Koch(5,T[k]))),evalc(Im(Koch(5,T[k])))],k=1...
 N-1)])
```



```
(2)
                     0.1548455949 + 0.08818861740 I
         inserted missing semicolon at end of statement
                                14
                                                                     (3)
            0.13: convert(%,binary);
            tString:=convert(%,string);
            NomerE:=SearchText("e"
                                             , 용);
            m:=length(tString);
            if NomerR<>0 then
                      tString:=substring(tString,2..NomerE-1):
            else
                      tString:=substring(tString,2..m):
            fi:
            tList:=convert(tString,list);
                           0.001000010100
                       tString := ".1000010100e-2"
                            NomerE := 12
                              m := 14
               (4)
> t0:=0.13:
  convert(%,binary);
  s := t0:
  for i from 1 to 8 do
  p:=trunc(s*2):
  s:=s*2-trunc(s*2):
  end do:
  p;
                           0.001000010100
                                 1
                                                                     (5)
```