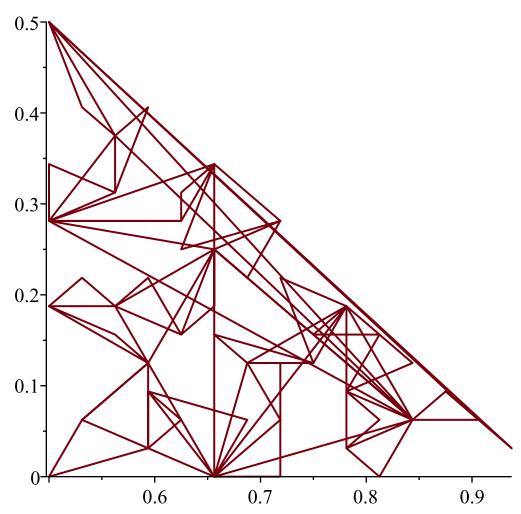
```
> restart:
  N := 100:
  for k from 0 to N do
              T[k] := evalf(k/N);
  end do:
  q:=proc(a,b)
  (-1)^a (a-b)^2:
  end proc:
  dig := proc (n, k)
              local d, m;
              d := convert(trunc(convert(n,binary)*10^100), base, 10);
              m := nops(d);
              return d[m+1-k];
  end proc:
       K_n(t) = c^n \tau_{2n} e^{\sum_{k=1}^n g(a_{2k-1}, a_{2k})\alpha i} + \sum_{j=1}^n c^{j-1} \left( \frac{a_{2j-1}(a_{2j-1} + a_{2j})}{2} \right)
                + (-1)^{a_{2j-1}} a_{2j} c + a_{2j-1} (1 - a_{2j}) c \sin \alpha \cdot i e^{\sum_{k=1}^{j-1} g(a_{2k-1}, a_{2k}) \alpha i}.
  Koch:=proc(n,t)
              local c, alpha;
              alpha:=Pi/2:
              c:=1/(2+2*cos(alpha)):
              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:
> convert(0.6, binary);
   evalf (%, 10);
   convert(0.10011001100000000, decimal, binary);
   trunc(10^3)
                                  0.1001100110
                                  0.1001100110
                                  0.5996093750
                                      1000
                                                                                     (1)
> plot([evalc(Re(Koch(4,t))), evalc(Im(Koch(4,t))), t=0..1])
     r, (in dig) invalid input: `convert/binary` expects its 1st
    ument, n, to be of type {float, integer}, but received t
> CyfraChisla:=proc(nomer,chislo)
  convert(.1, binary)
  end proc:
```

> plot([seq([evalc(Re(Koch(10,T[k]))),evalc(Im(Koch(10,T[k])))],k=
 1..N)])



> evalc(Re(Koch(4,0.1)))

$$1 - \frac{1}{2 + \sqrt{2}} + \frac{1 - \frac{1}{2 + \sqrt{2}}}{\left(2 + \sqrt{2}\right)^2} \tag{2}$$

> nthdigit(0.1, 5) 1