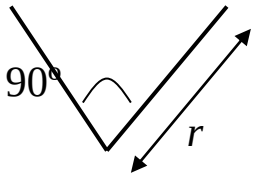
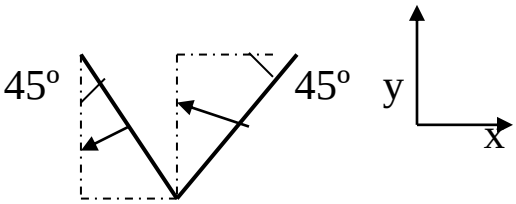
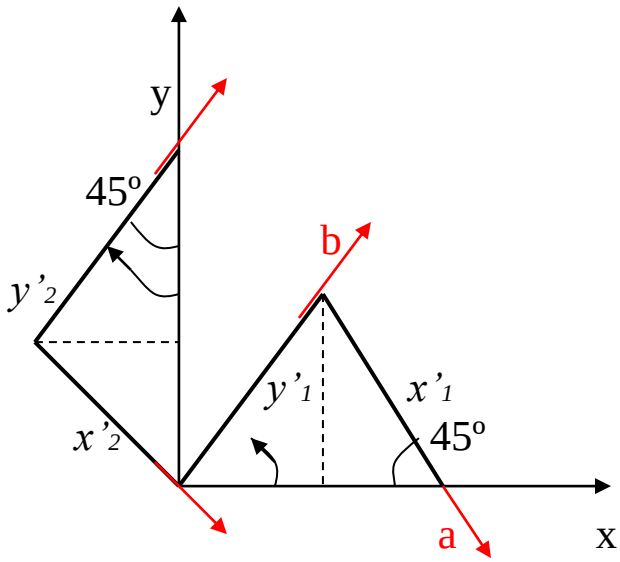
Dragó deLévy: comença així:



Que es transforma en:



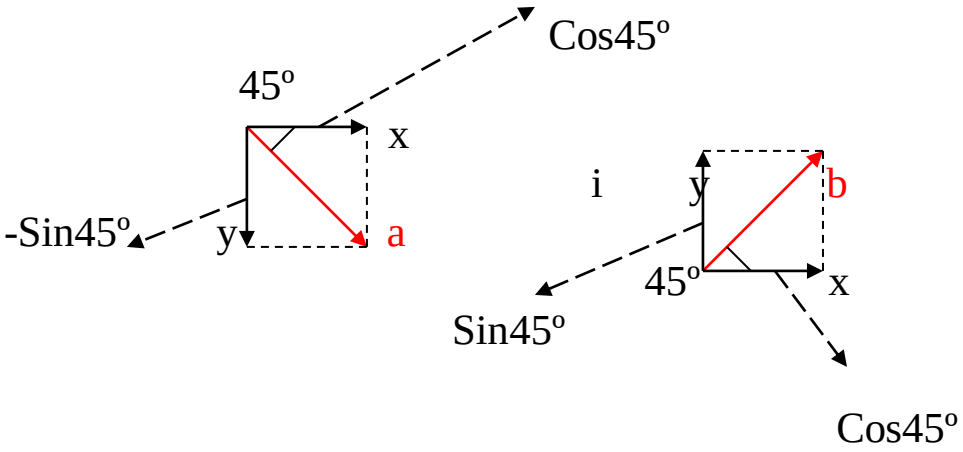
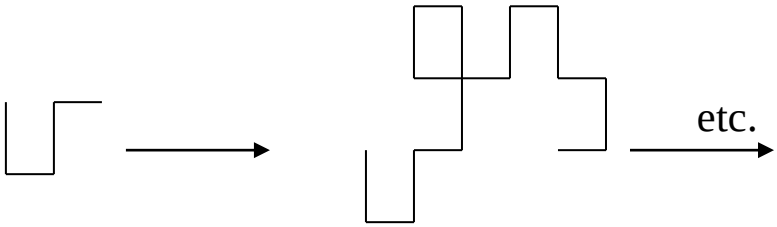


estem en disposició de representar tal iteració com:

$$f(x,y)=1/\sqrt{2}\begin{pmatrix}\text{Cos } 45^o & \text{-Sin } 45^o\\ \text{Sin } 45^o & \text{Cos } 45^o\end{pmatrix}\begin{pmatrix}x\\ y\end{pmatrix}=\begin{pmatrix}x'_1\\ y'_1\end{pmatrix}$$

$r^2=(1/2)^2+(1/2)^2$ i $½=r^2$ i $r=1/\sqrt{2}$.

El signe és degut a la diferent orientació de les fletxes; per visualitzar-ho usem el sistema següent de vectors:



Anant iterant: