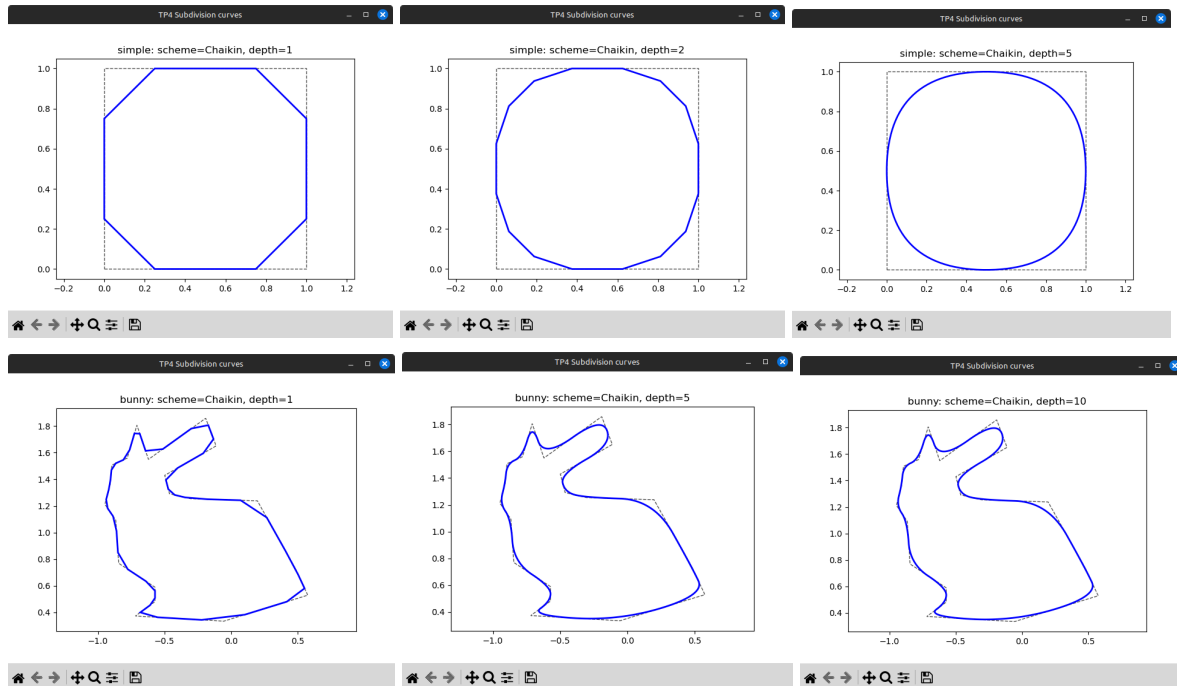


Compte-rendu du TP7 de Synthèse d'image

INFO4 Polytech Grenoble
Chevrier-Pivot Yohan

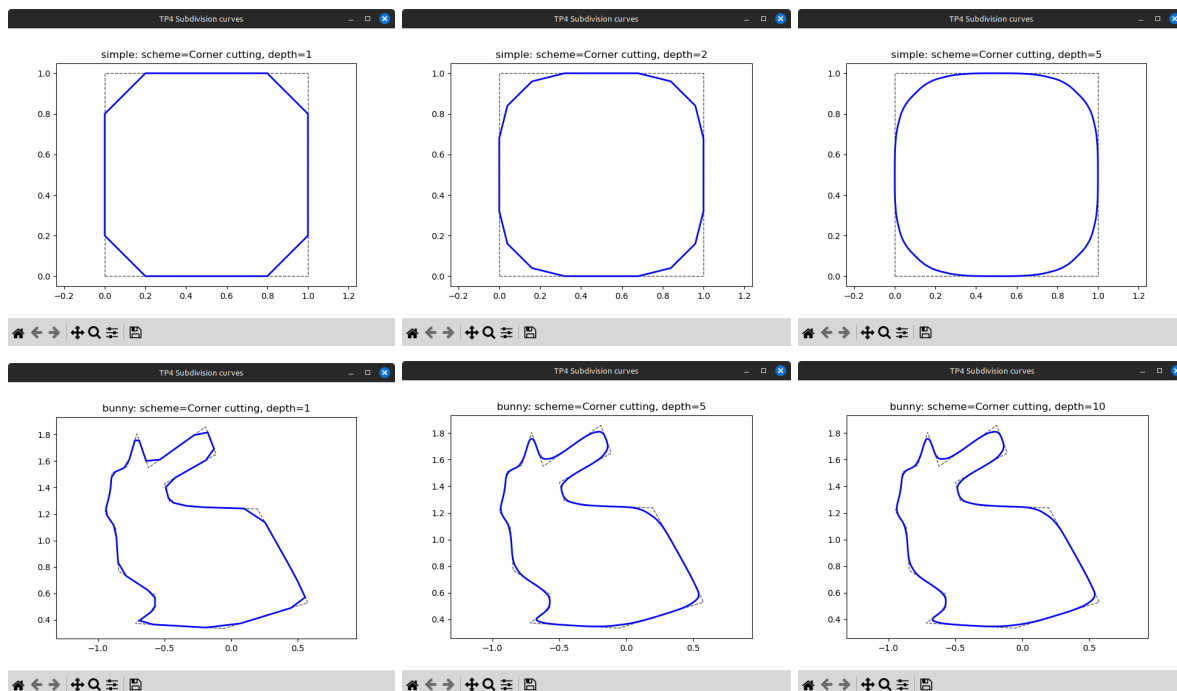
Subdivision Curves

Les formes simples sont ici avec 1,2 et 5 itérations et 1,5,10 itérations pour le lapin
Chaikin' scheme



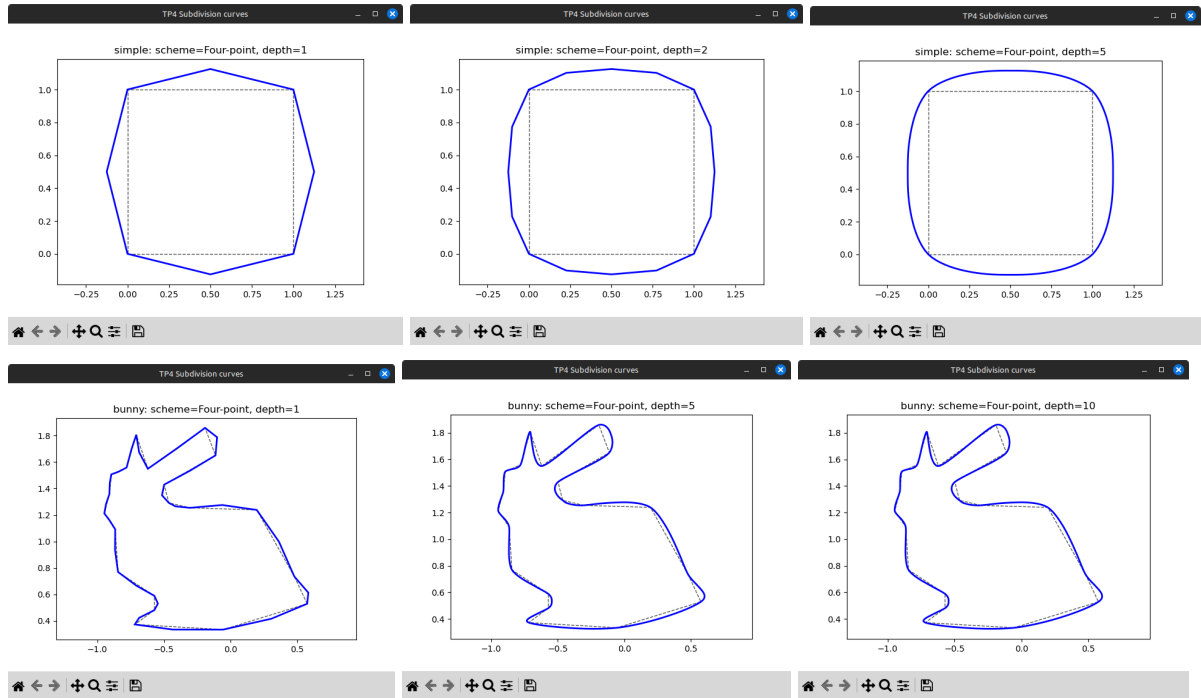
Corner cutting

$a = 0,2$; $b = 0,8$



Four Points

w = 2

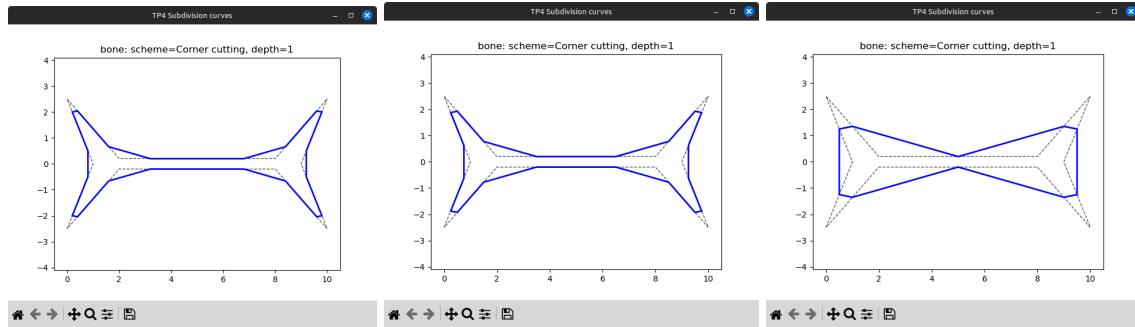


Different values of a,b for corner cutting

$a=0,2$ $b=0,8$ (initial)

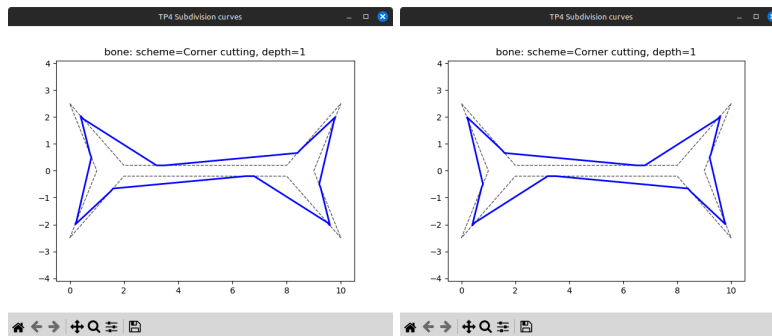
$a=0,25$ $b=0,75$ (Chaikin)

$a=b=0,5$ (equal)



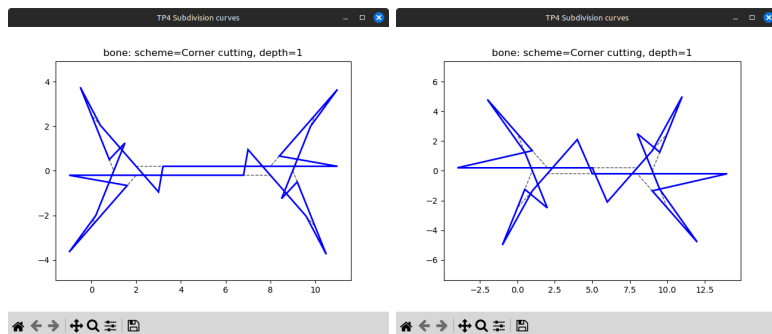
$a=0,2$ $b=0,25$ ($a+b<1$)

$a=0,75$ $b=0,8$ ($a+b>1$)



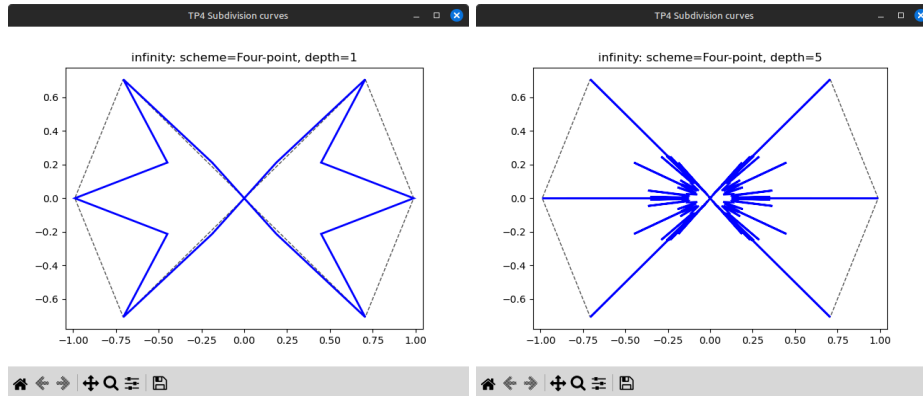
$b>1$ hors contrainte

$a<0$ hors contrainte

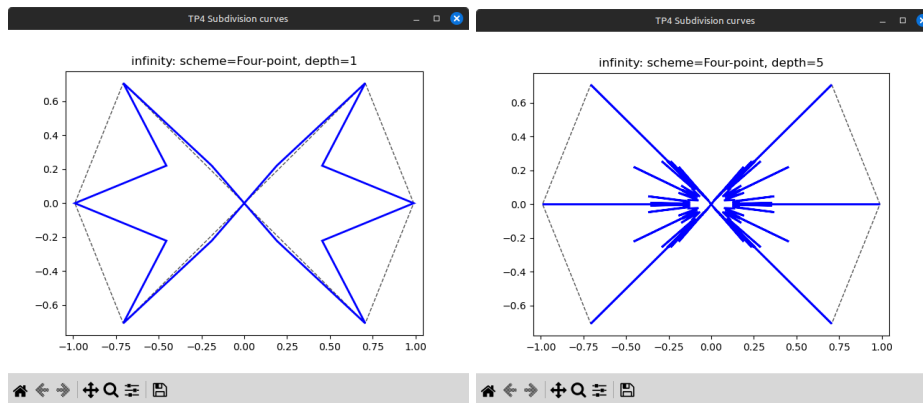


Differents values of w for four-point method

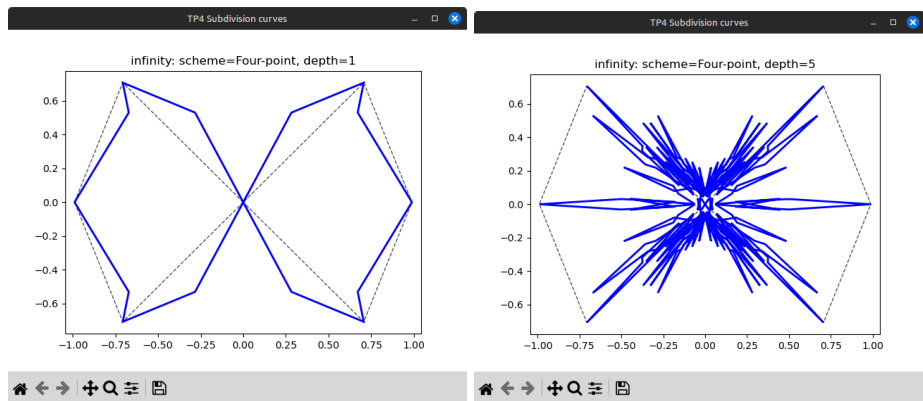
w=0,05



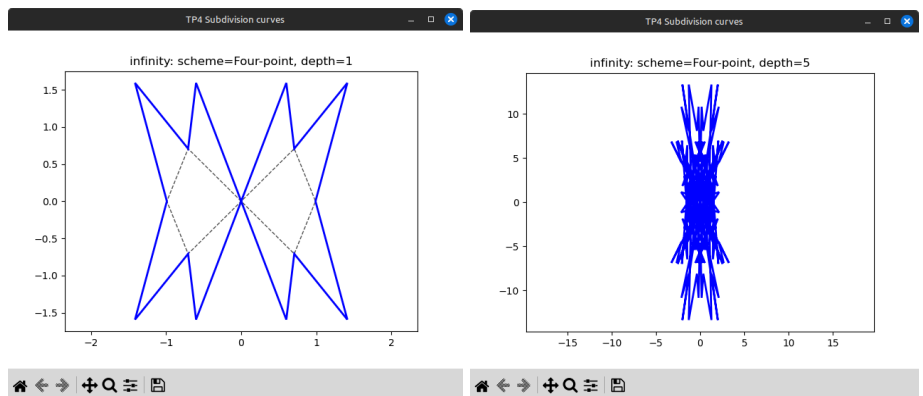
w=1/16=0,0625



w=0,5



w=2



$w=-0,5$

