

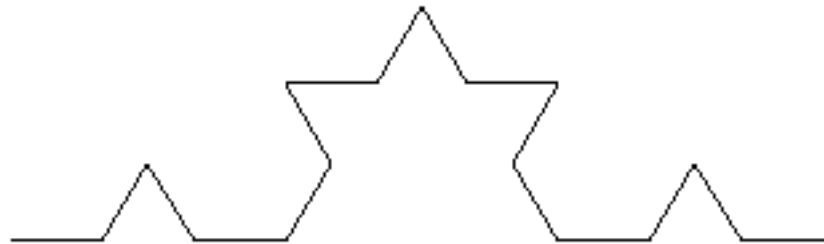
Construction de la courbe de Von Koch à partir du segment  $[0,1]$  :  
étape I



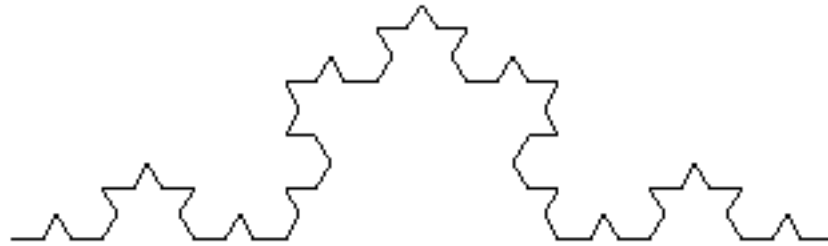
# Courbe de Von Koch : étape 2



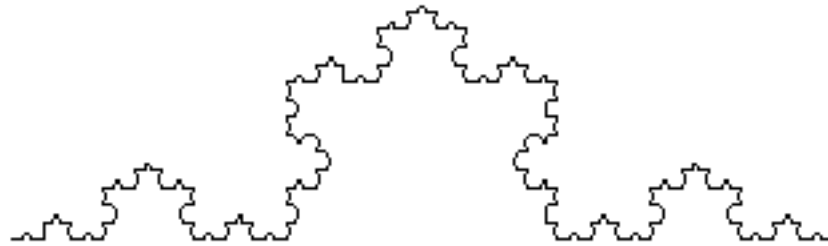
# Courbe de Von Koch : étape 3



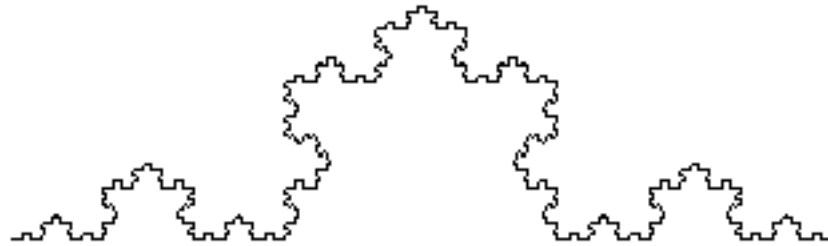
# Courbe de Von Koch : étape 4



# Courbe de Von Koch : étape 5

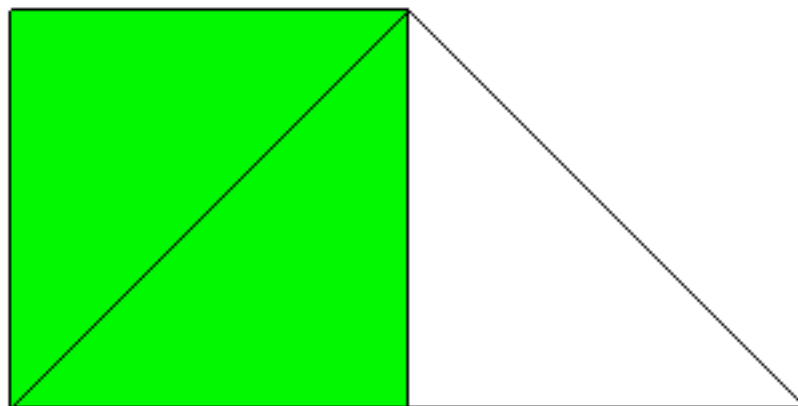


# Courbe de Von Koch : étape 6



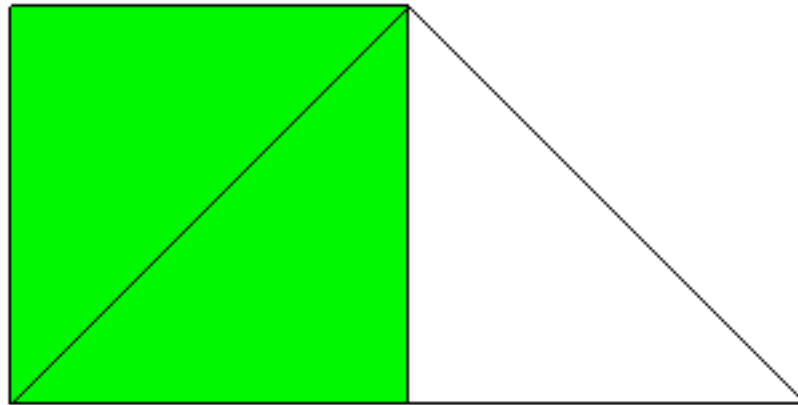
# Construction du triangle de Sierpinski par itérations à partir d'un carré : 8 étapes

$t = 0.$



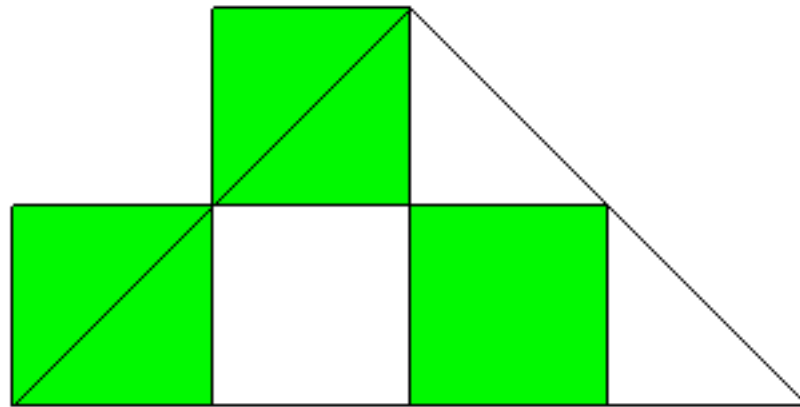
# étape 1

$t = 0.$



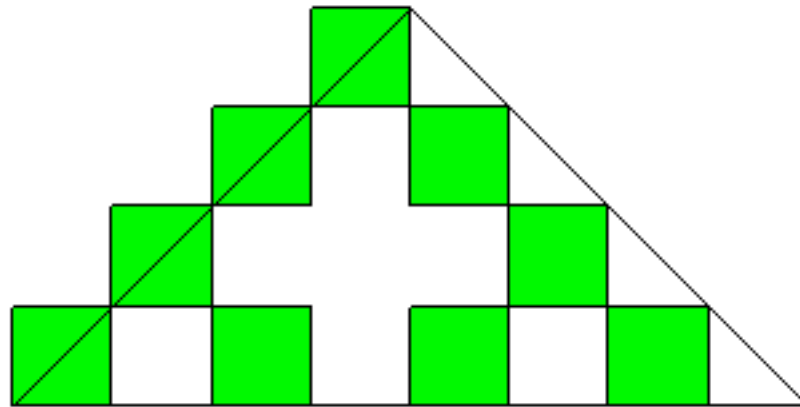
# étape 2

$t = 1.0000$



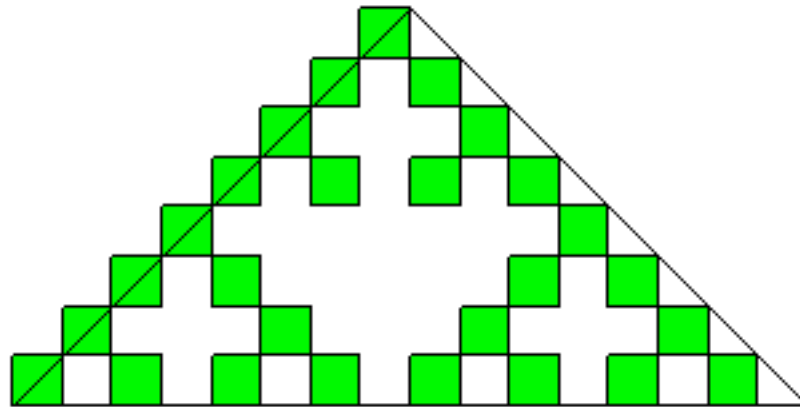
# étape 3

$t = 2.0000$



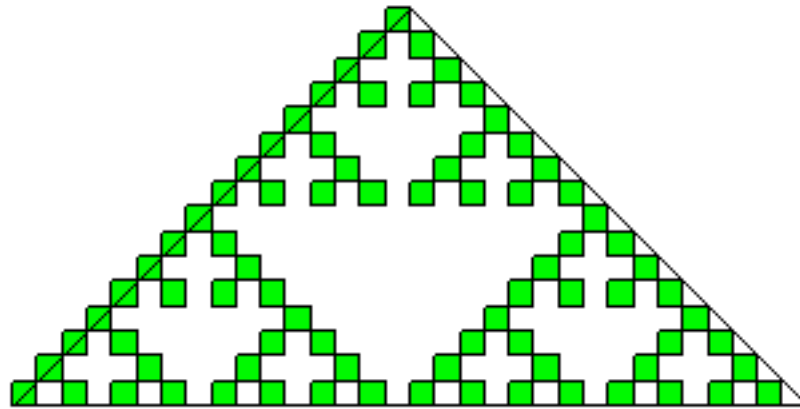
# étape 4

$t = 3.0000$



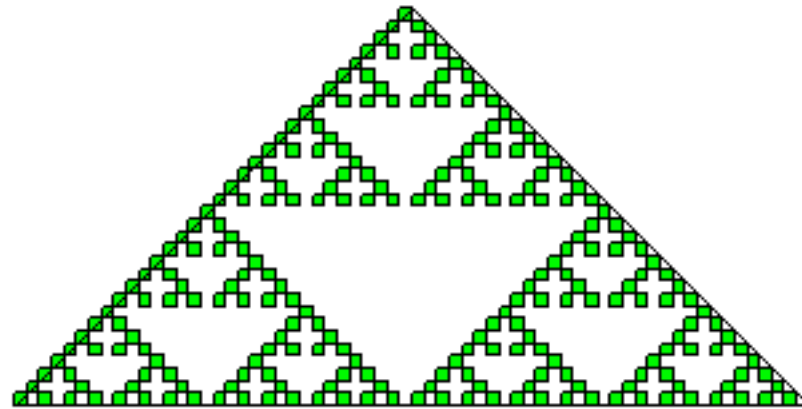
# étape 5

$t = 4.0000$



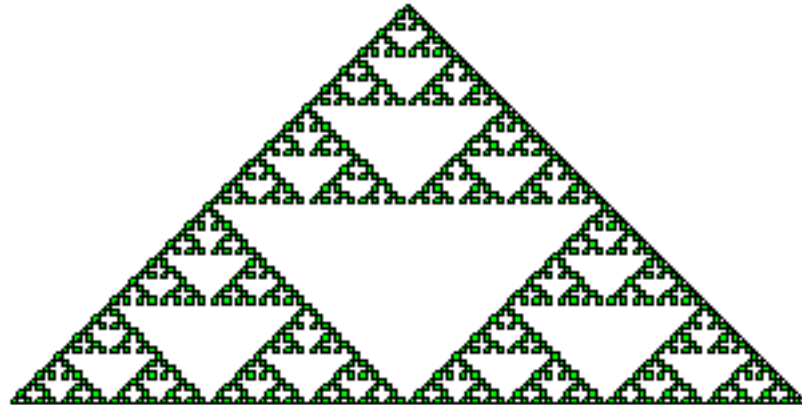
# étape 6

t = 5.0000



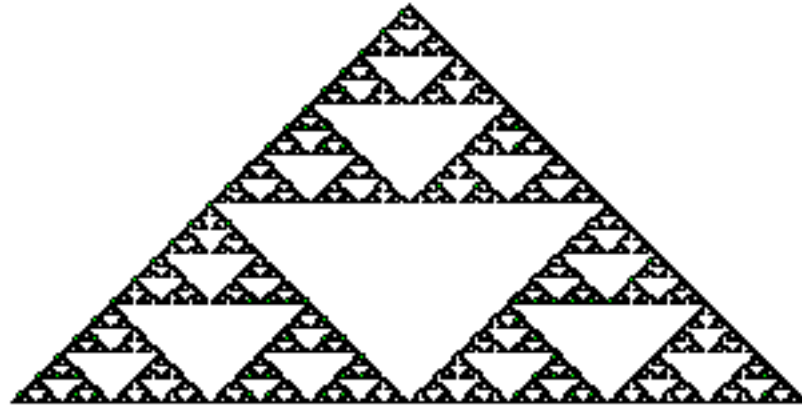
# étape 7

t = 6.0000



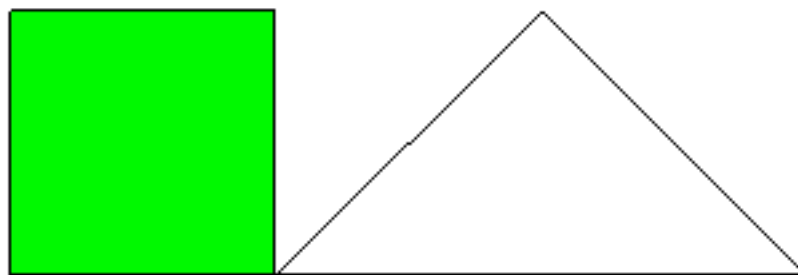
# étape 8

t = 7.0000



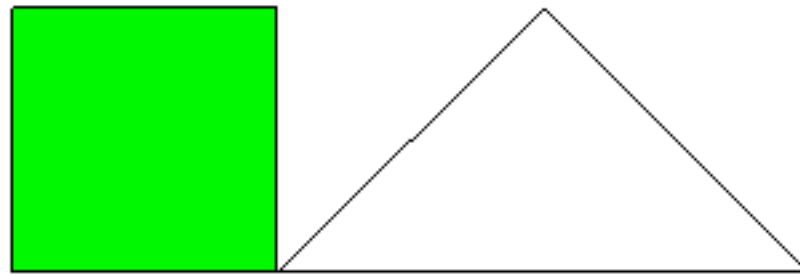
# Construction du triangle de Sirpinski par itérations à partir d'un autre carré : 8 étapes

$t = 0.$



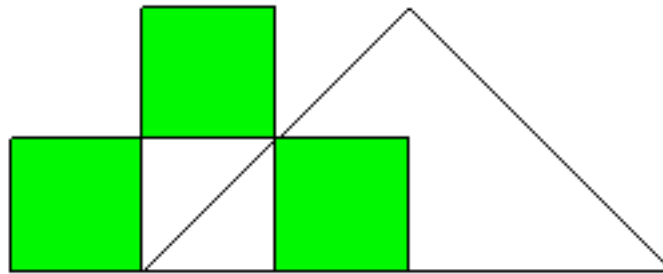
# étape 1

$t = 0.$



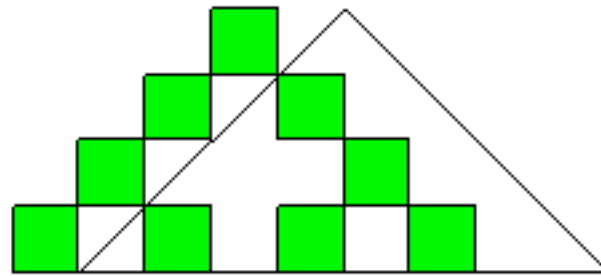
# étape 2

$t = 1.0000$



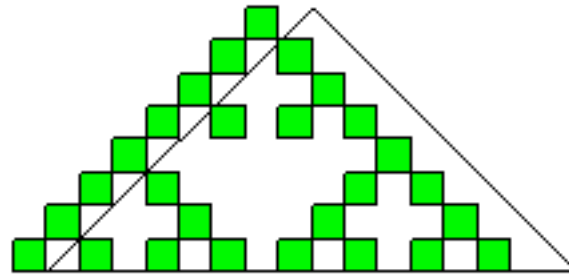
# étape 3

$t = 2.0000$



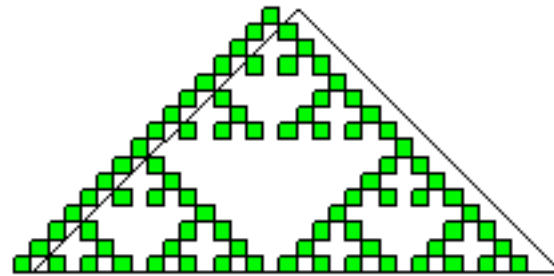
# étape 4

$t = 3.0000$



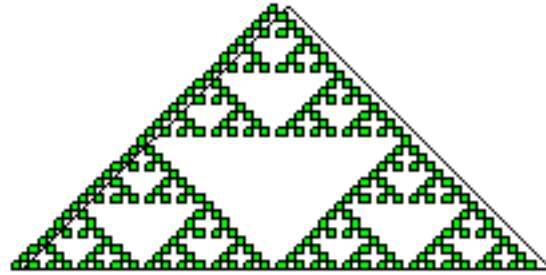
# étape 5

$t = 4.0000$



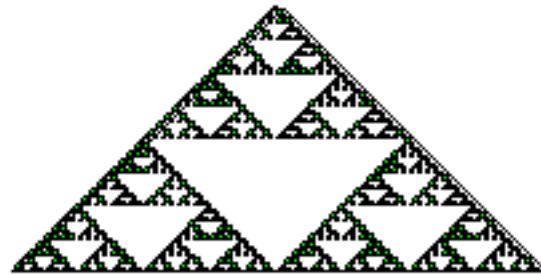
# étape 6

t = 5.0000



# étape 7

t = 6.0000



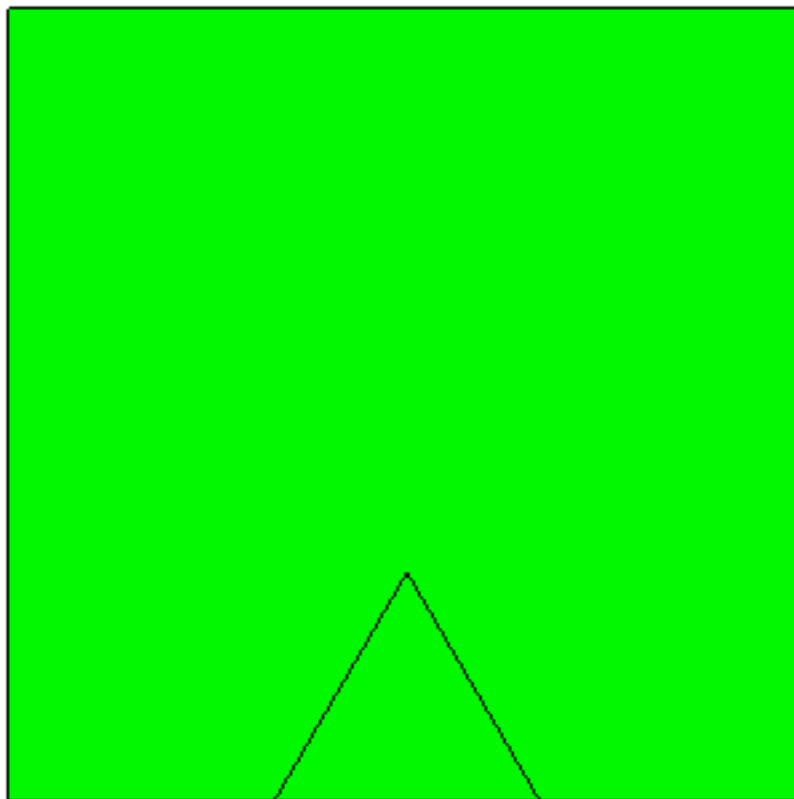
# étape 8

t = 7.0000



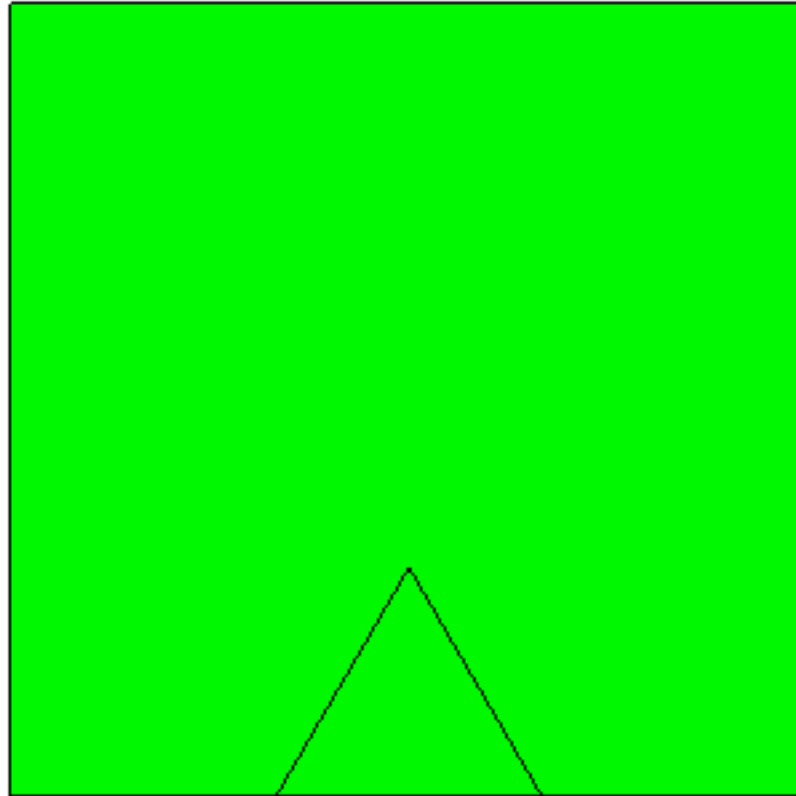
# Construction de la courbe de von Koch par itérations à partir d'un carré : 6 étapes

$t = 0.$



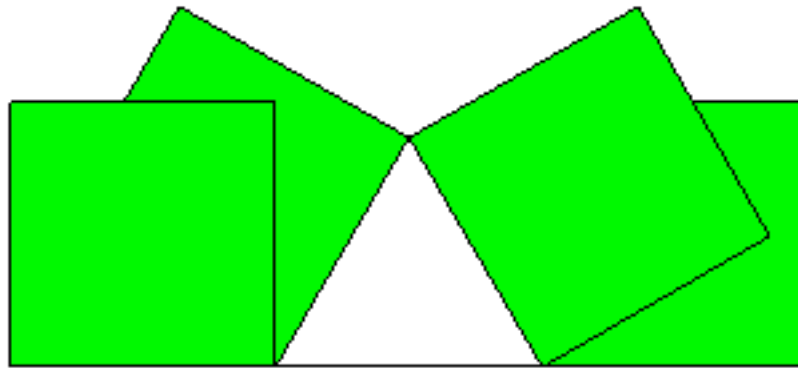
# étape 1

$t = 0.$



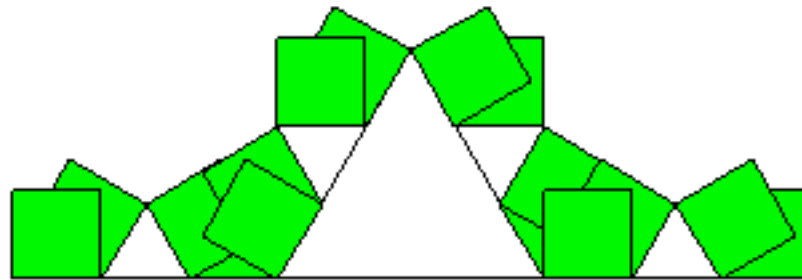
# étape 2

t = 1.0000



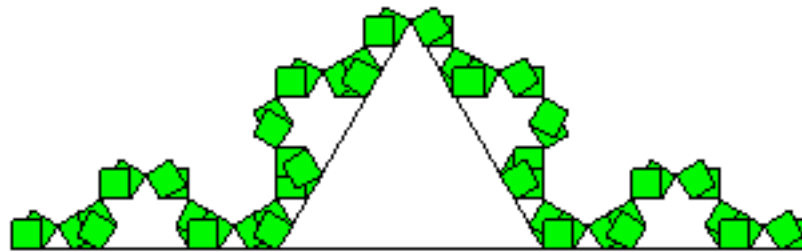
# étape 3

$t = 2.0000$



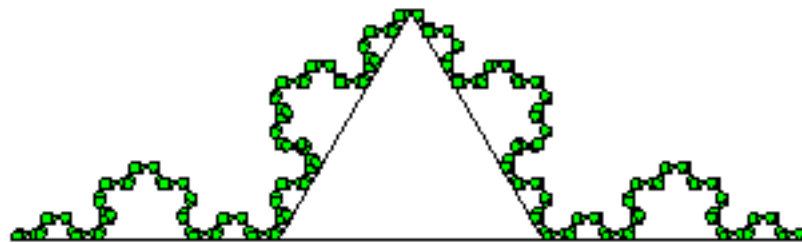
# étape 4

$t = 3.0000$



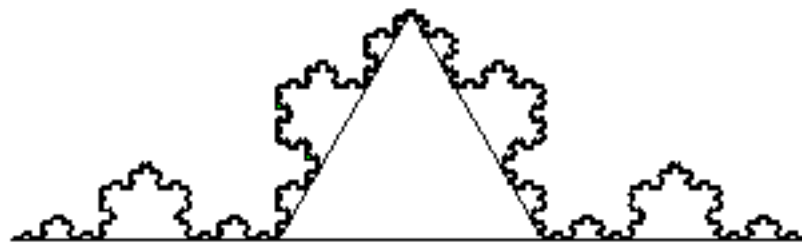
# étape 5

$t = 4.0000$



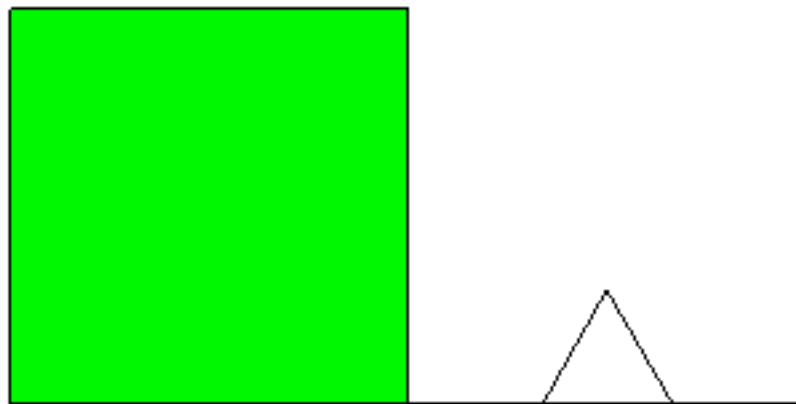
# étape 6

$t = 5.0000$



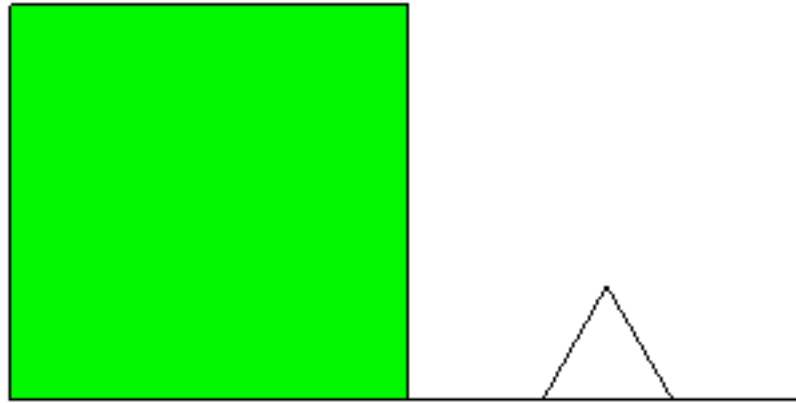
# Construction de la courbe de von Koch par itérations à partir d'un autre carré : 6 étapes

$t = 0.$



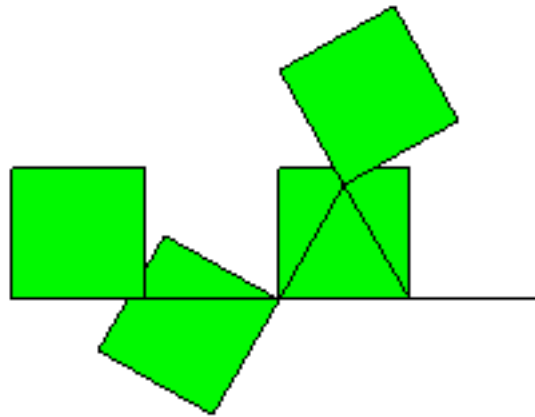
# étape I

$t = 0.$



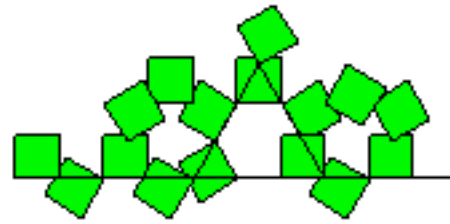
# étape 2

t = 1.0000



# étape 3

t = 2.0000



# étape 4

t = 3.0000



# étape 5

$t = 4.0000$

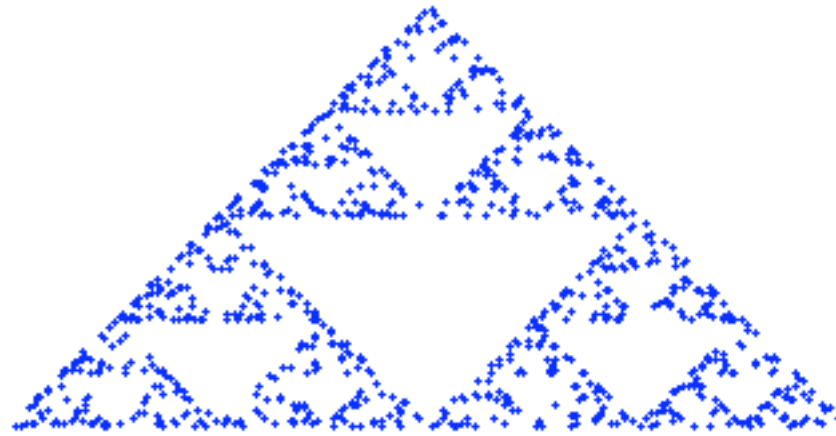


# étape 6

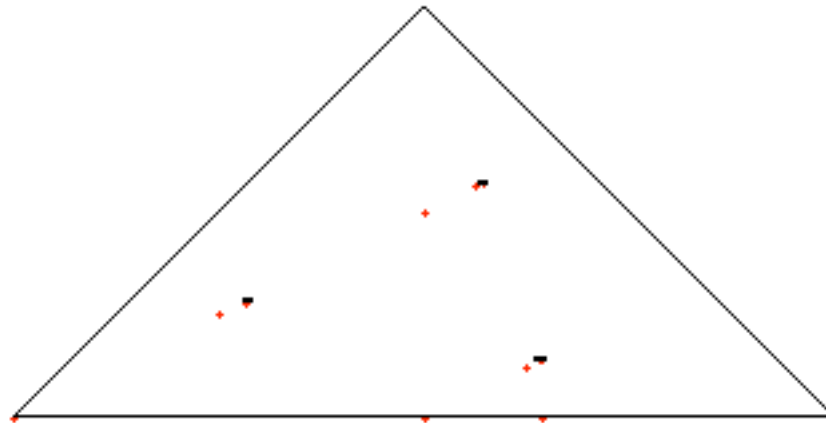
t = 5.0000



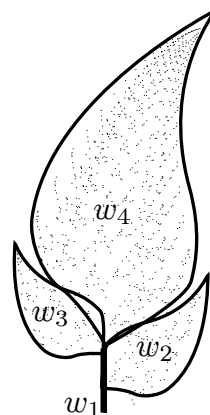
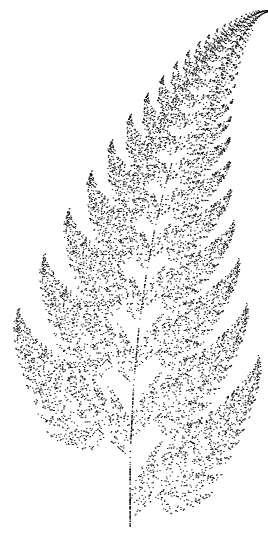
Construction du triangle de Sirpinski avec la méthode IFS:  
résultat après 10'000 étapes, en partant du point (0,0,0)



Itérations successives des 3 homothéties définissant le triangle de Sirpinski, en partant du point (0,0,0)



La feuille de fougère avec un bon choix de probabilités et avec même probabilité pour chaque transformation



That'all folks !

