

# Regard de géomètre

Xavier Buff

Université de Toulouse

28 janvier 2021

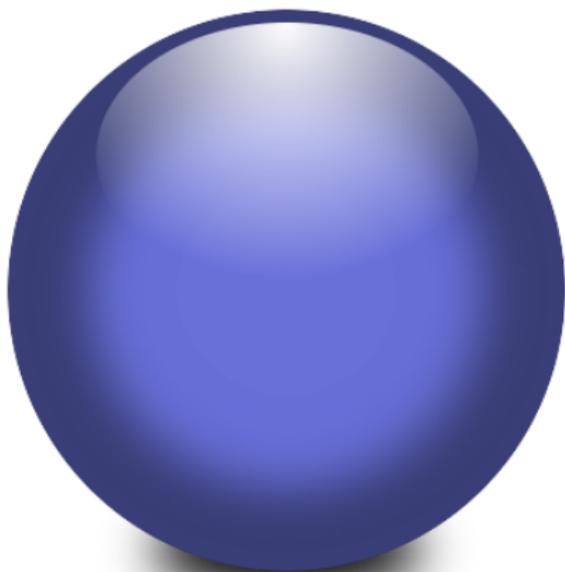
# Que voyez-vous ?



# Que voyez-vous ?



# Une sphère



# Des ballons



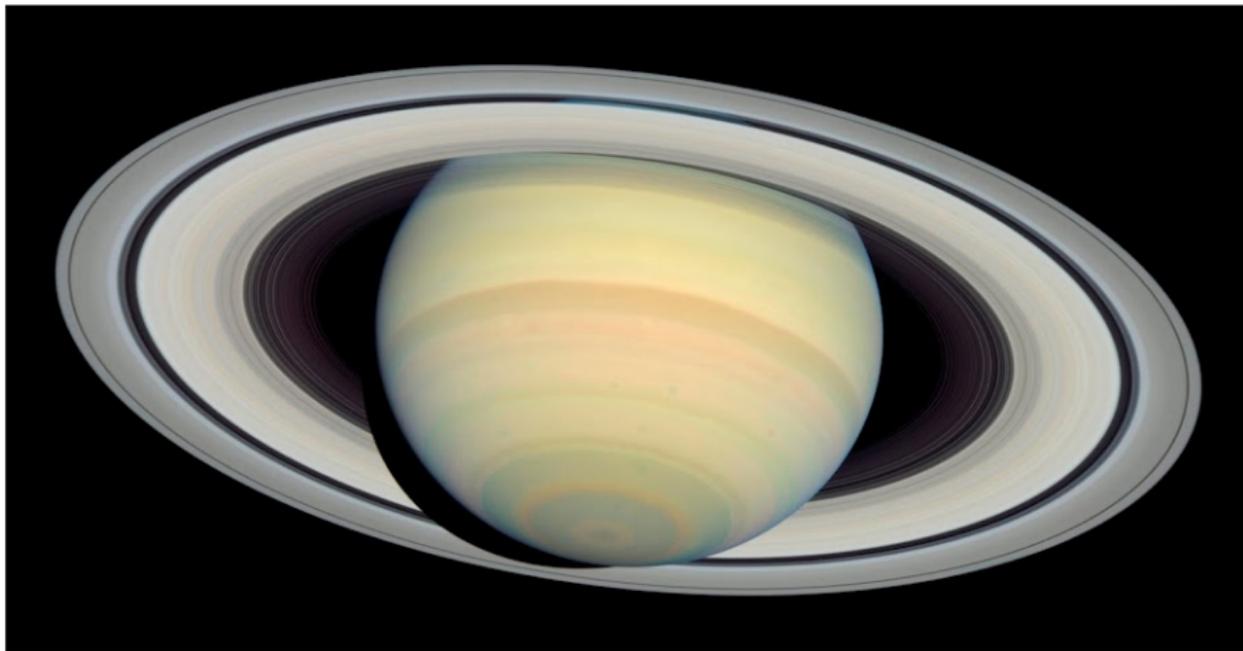
# Des billes

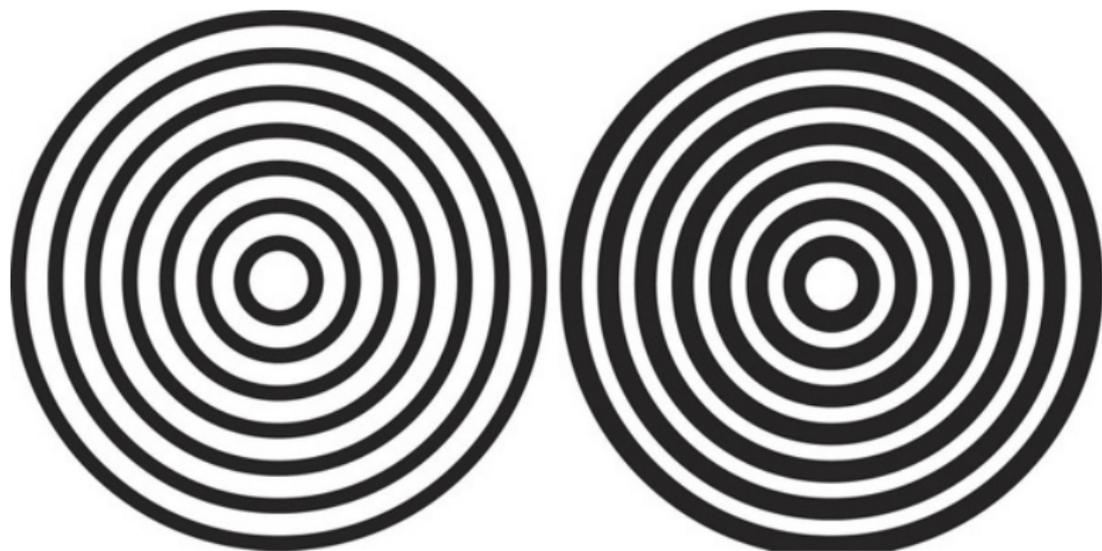


# Des perles

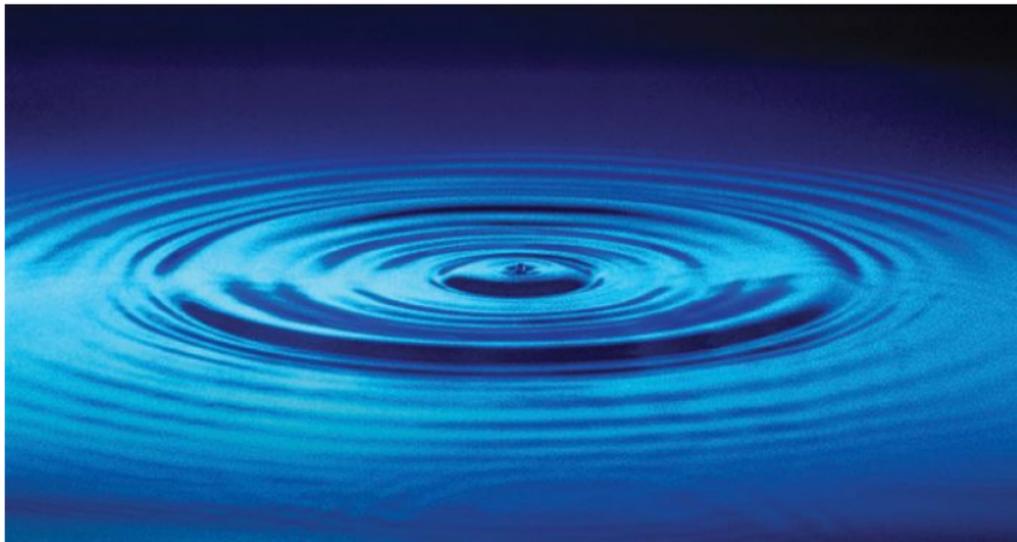


# Que voyez-vous ?

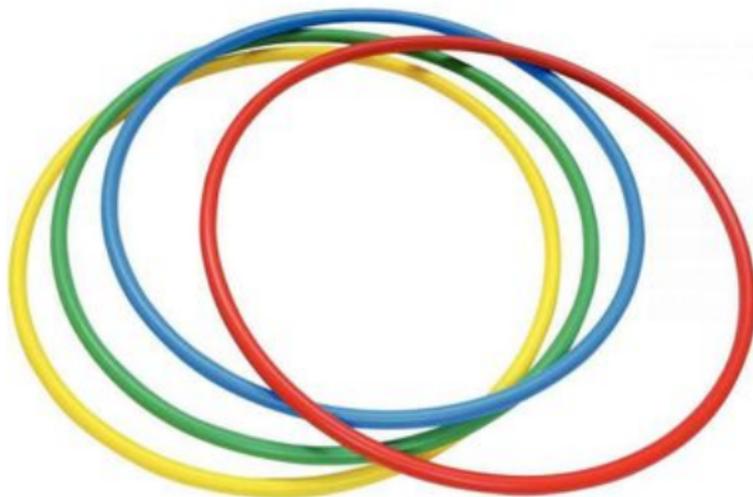




# Des vagues



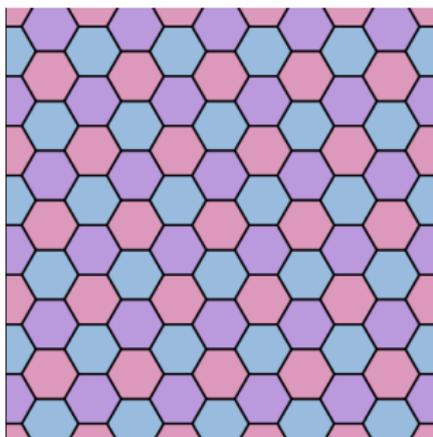
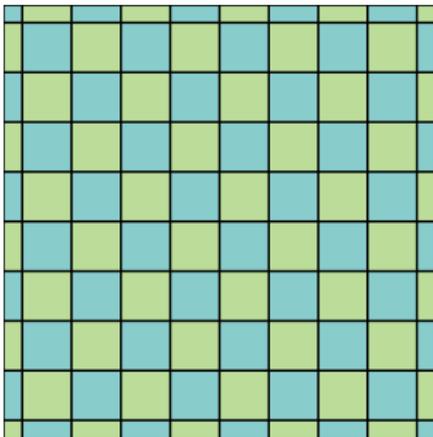
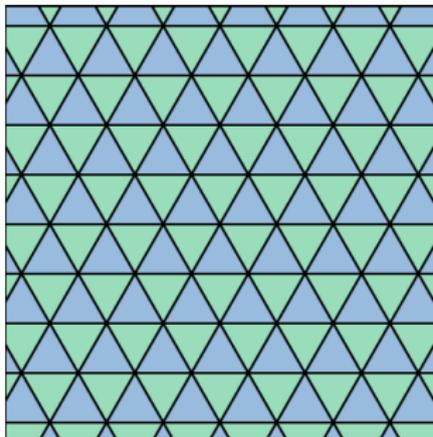
# Des cerceaux



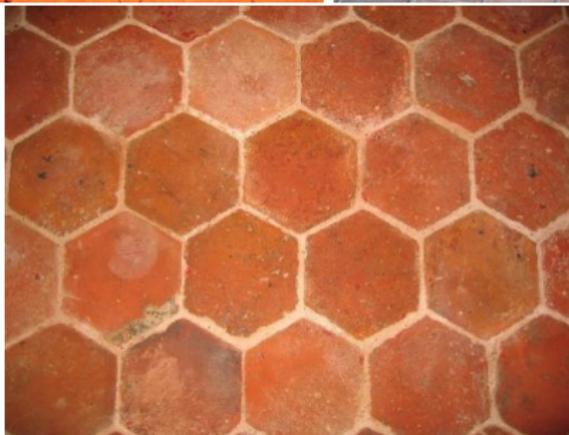
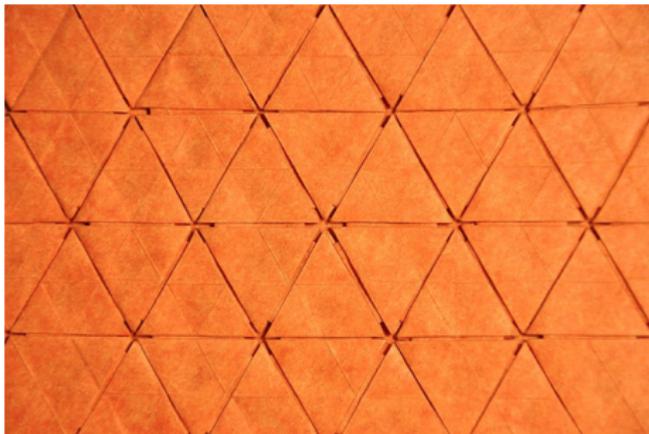
# Que voyez-vous ?



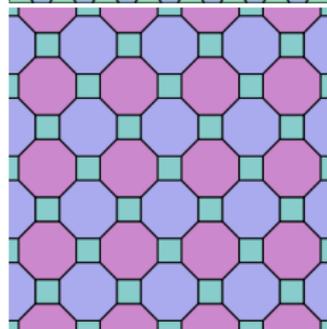
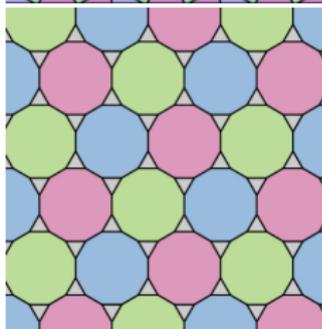
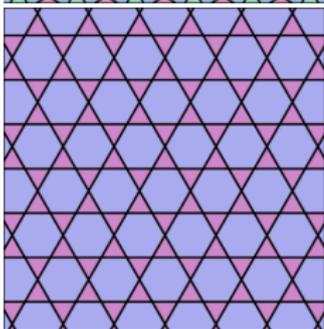
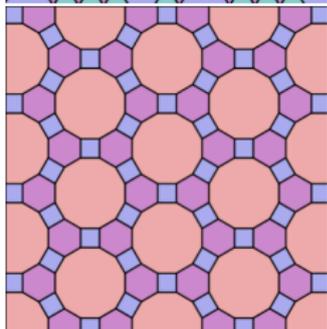
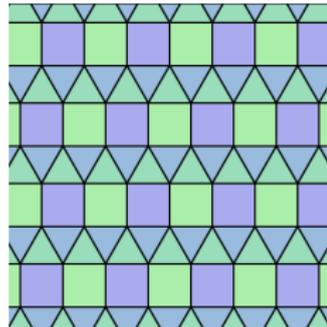
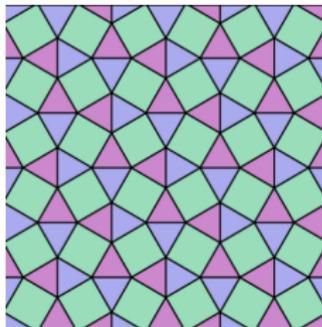
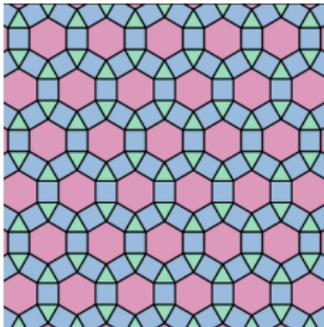
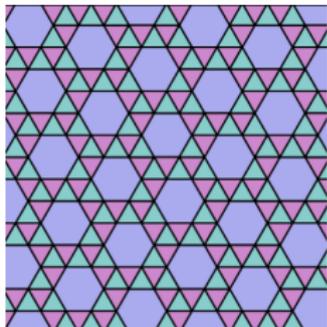
# Des pavages



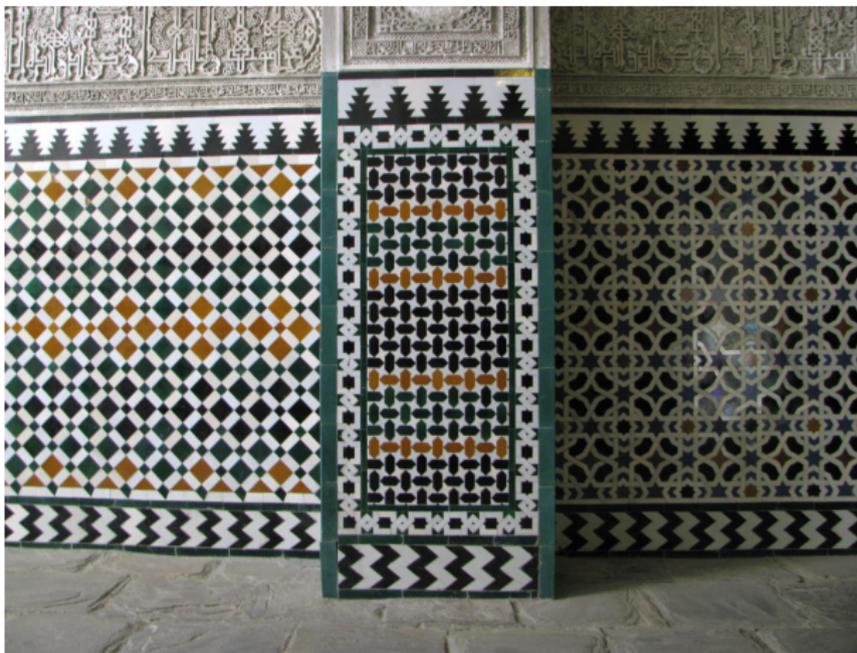
# Des carrelages



# Encore plus de pavages

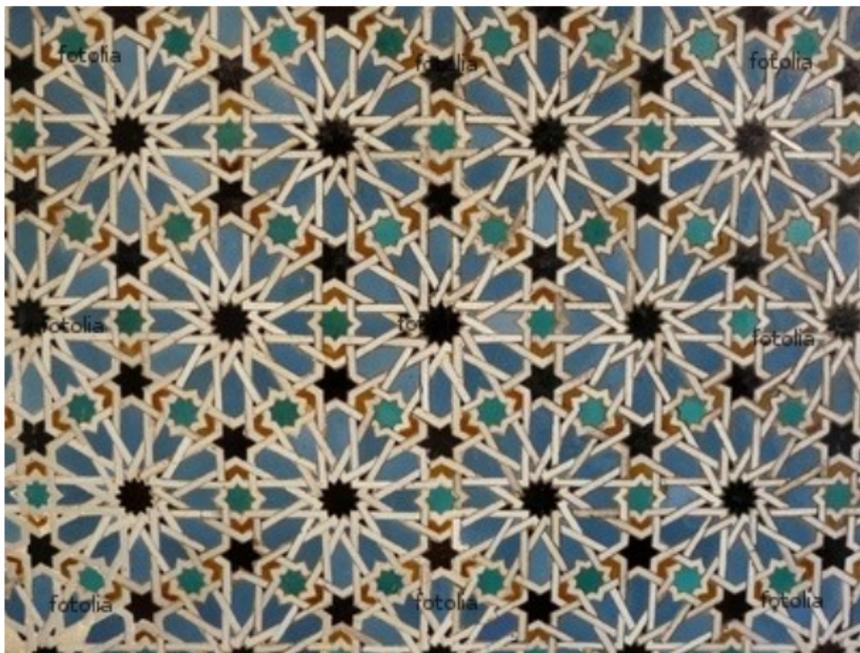


# Pavages andalous



Pavage à l'Alcazar à Seville (844-)

# Pavages andalous



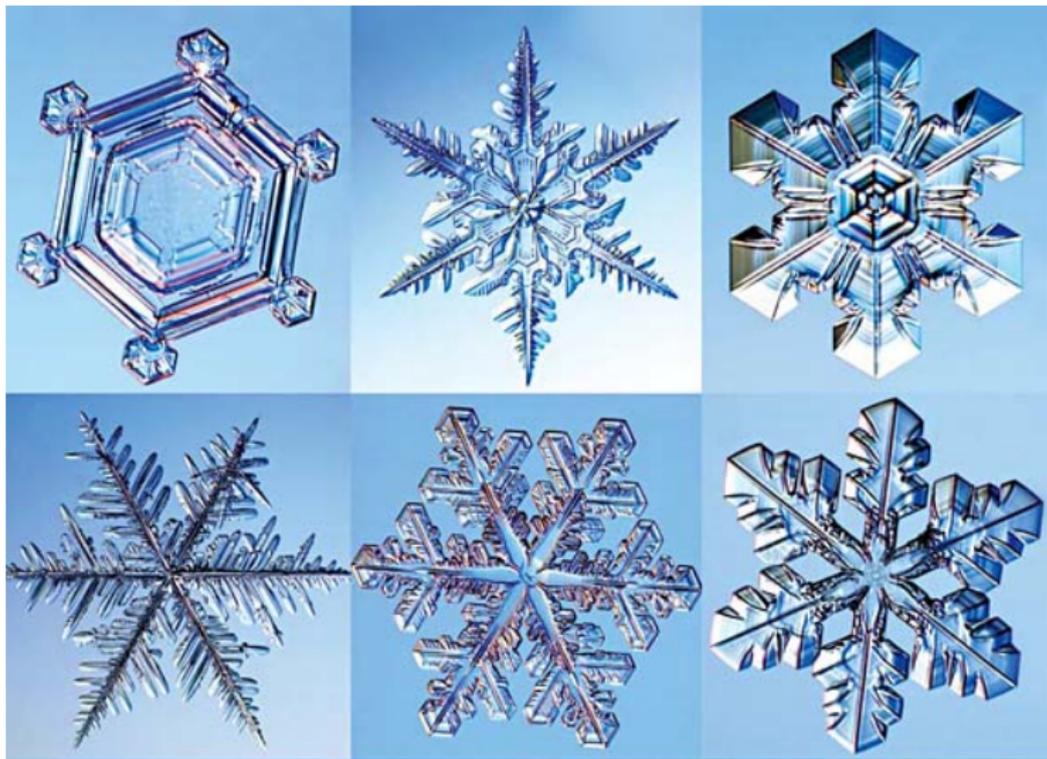
Pavage à l'Alcazar à Seville (844-)

# Pavages andalous

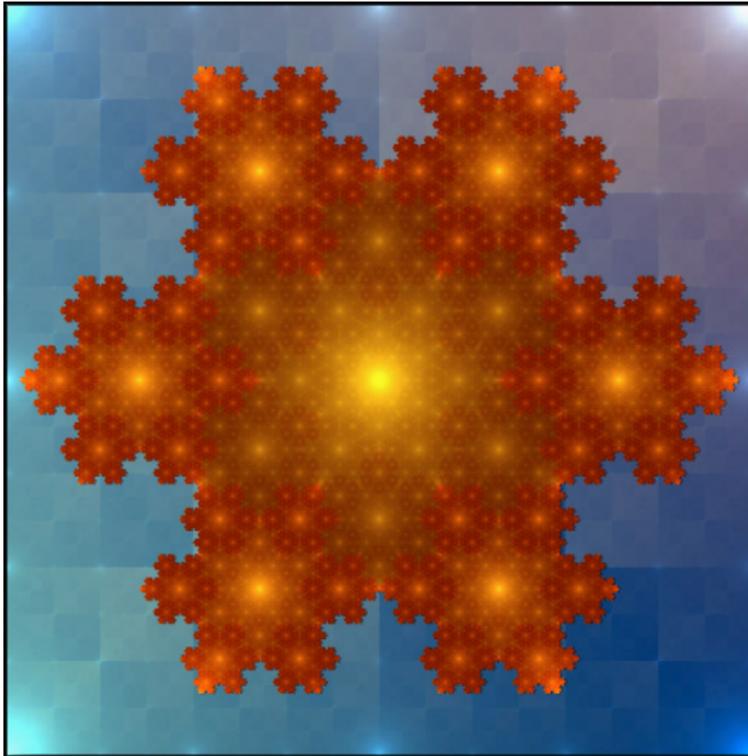


Pavage à l'Alhambra à Grenade (1238-)

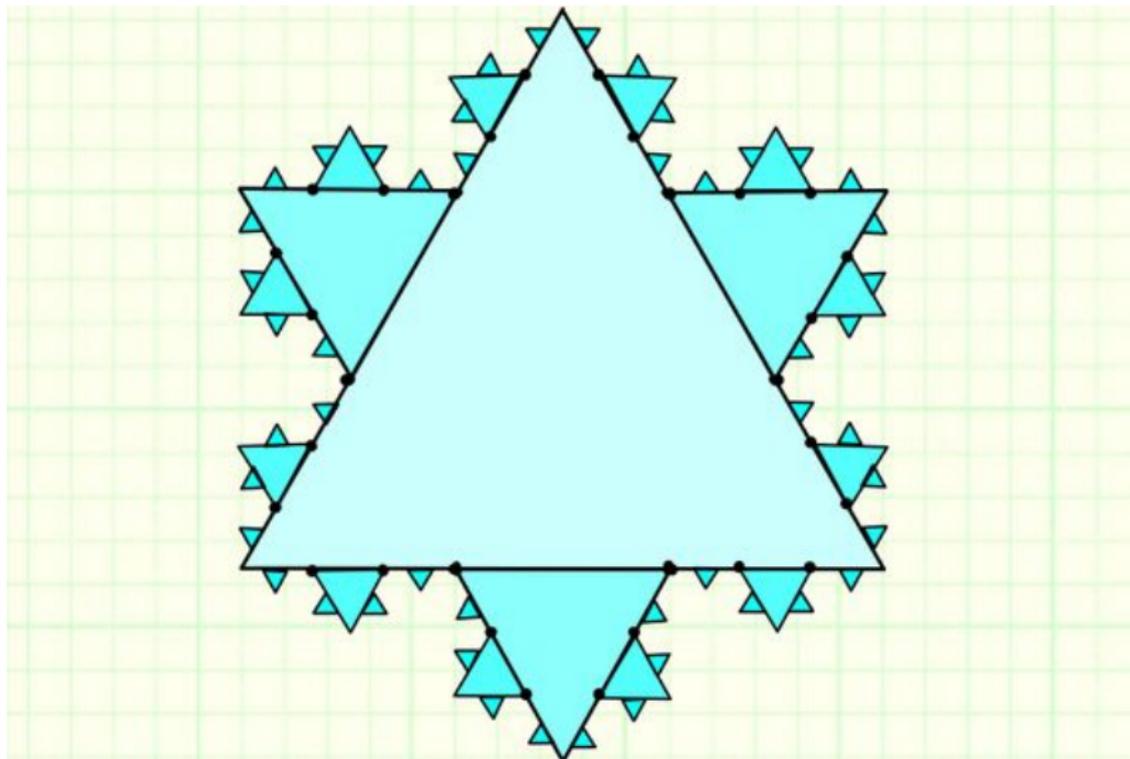
# Que voyez-vous ?



# Le flocon de von Koch



# Le flocon de von Koch



# Un chou Romanesco



# Un chou Romanesco



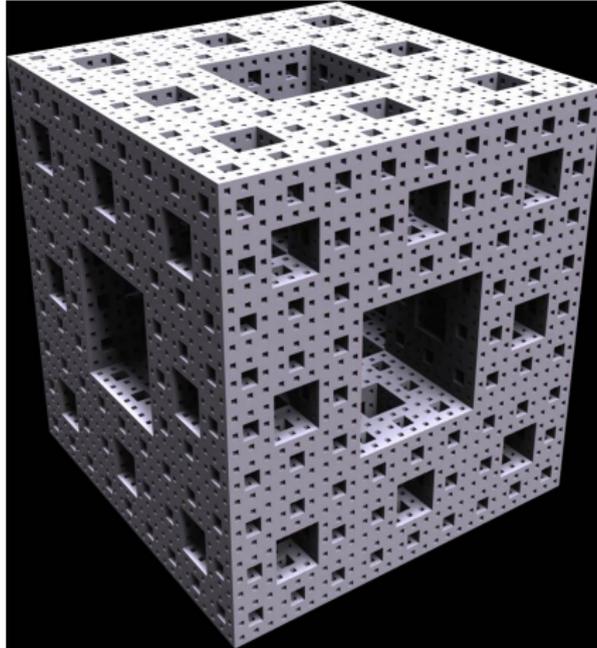
# Un chou Romanesco



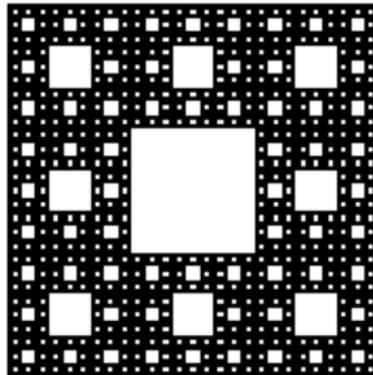
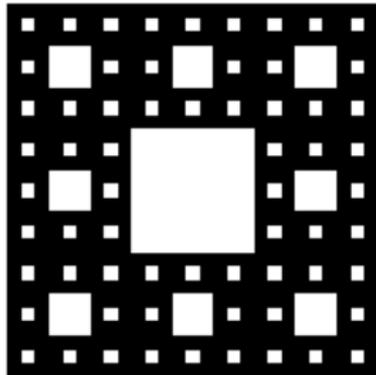
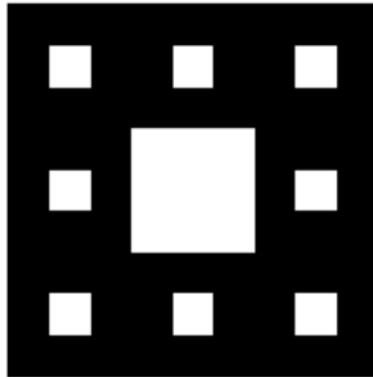
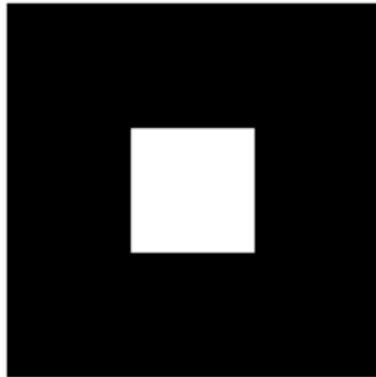
# Que voyez-vous ?



# L'éponge de Sierpinski



# Le tapis de Sierpinski



# Le triangle de Sierpinski



étape 1



étape 2



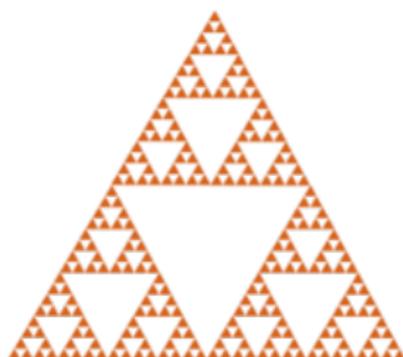
étape 3



étape 4



étape 5



étape 6



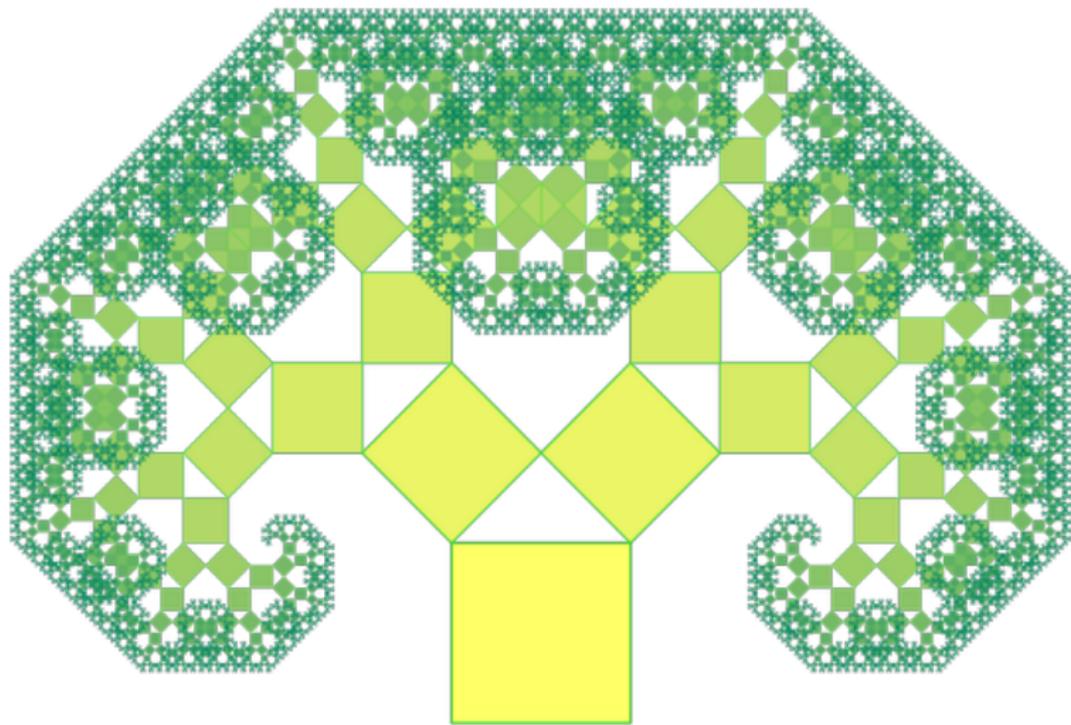
# Un coquillage



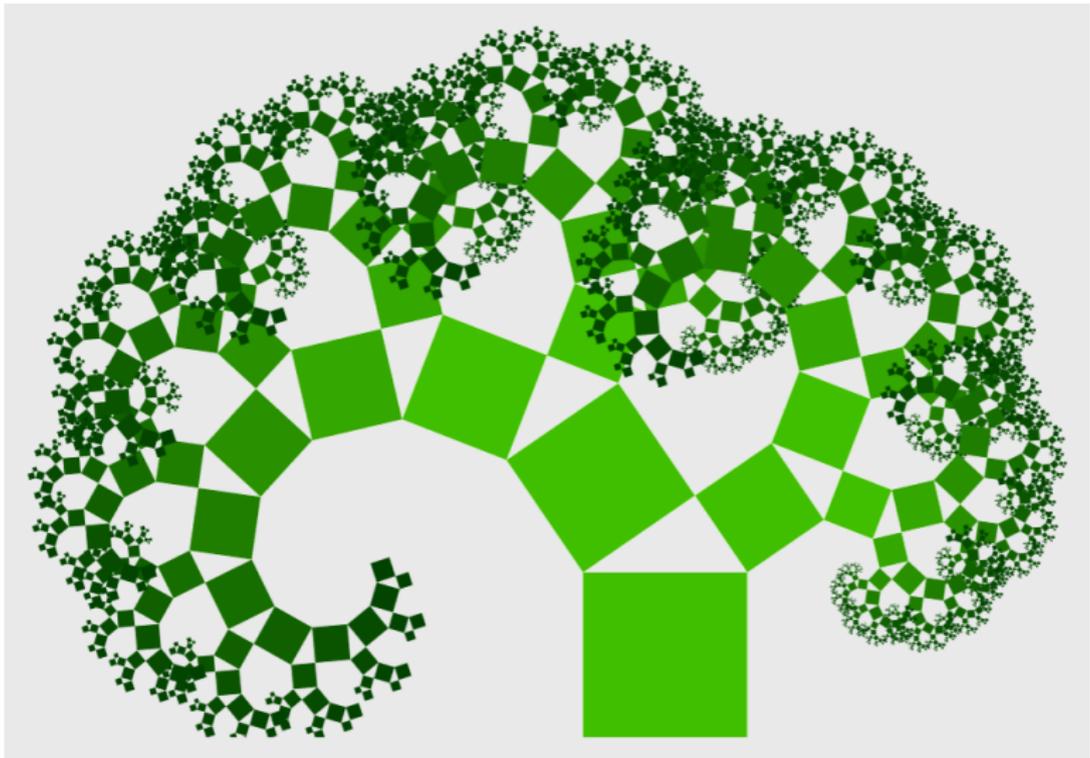
# Que voyez-vous ?



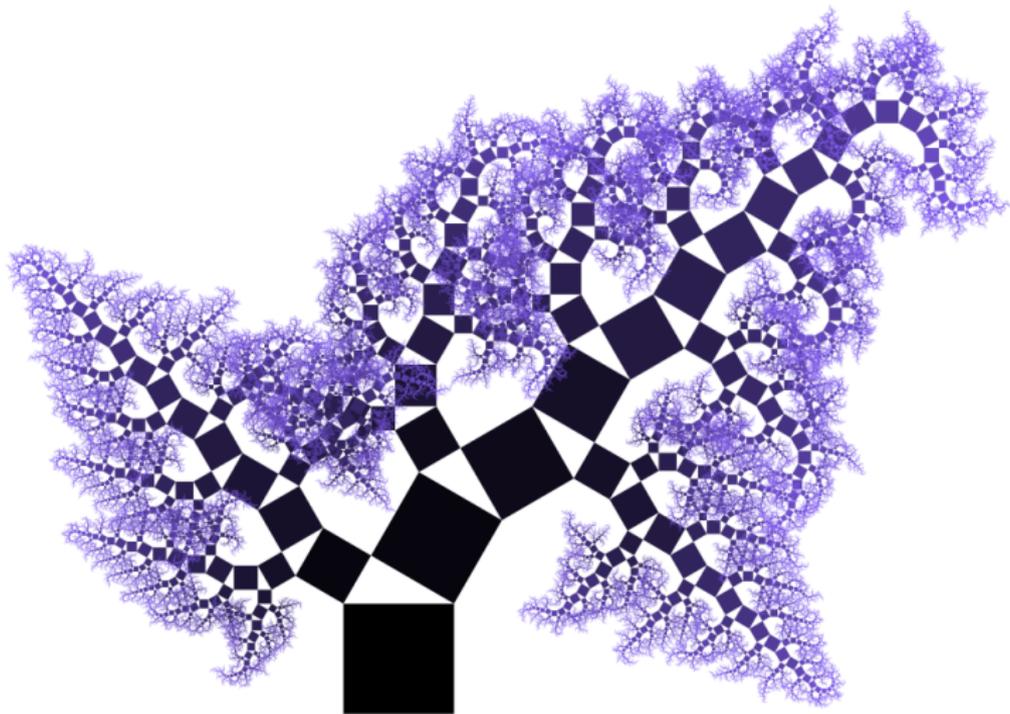
# Un arbre



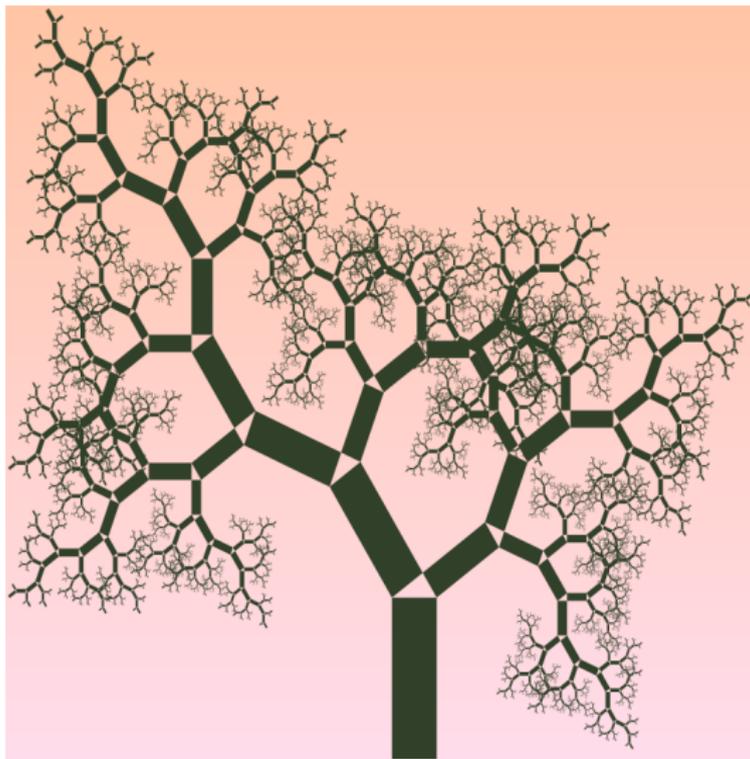
# Un arbre



# Un arbre



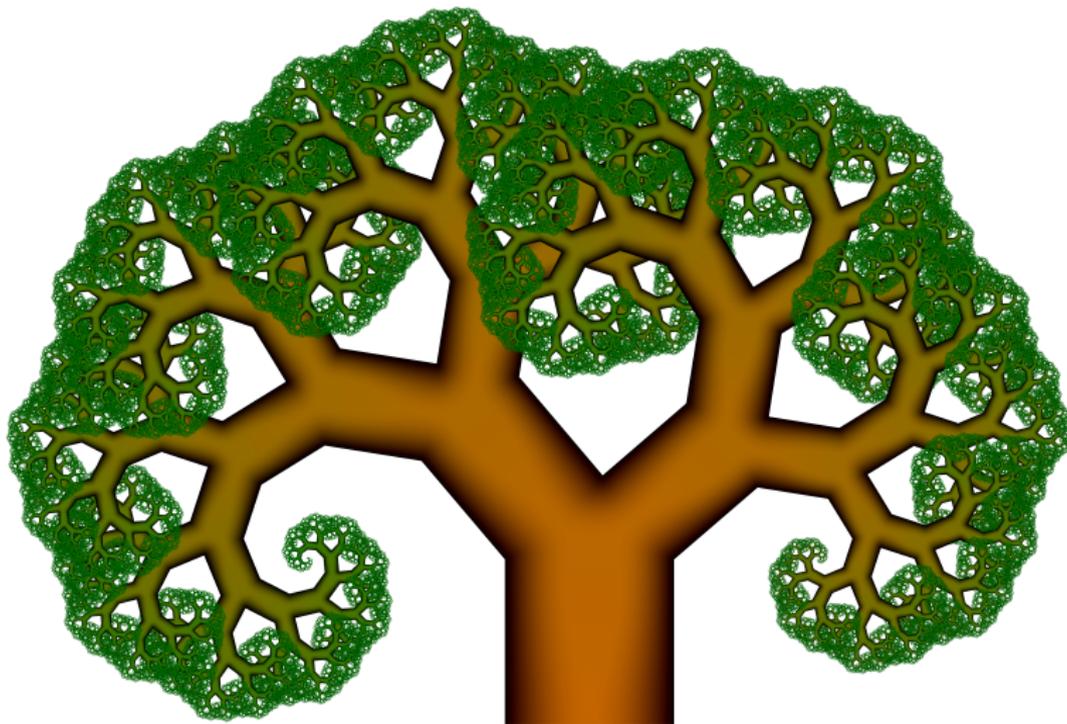
# Un arbre



# Un arbre



# Un arbre



# Un arbre

