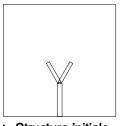
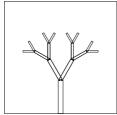
E5.5 / S2: FRACTALES NATURELLES

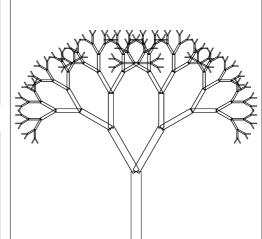
☐ UN ARBUSTRE

- ▶ Préfractale : un tronc + 2 branches (tronc à 70% avec rotation + ou -30°).
- ▶ Protocole : homothétie 70% + rotation +/-30°.
- ▶ Itérations : 6.





▶ Itération n° 2



▶ Structure initiale

▶ Itération n° 1



▶ Itération n° 6

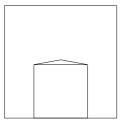
▶ Itération n° 3

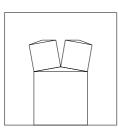
▶ Itération n° 4

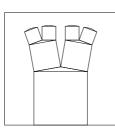
▶ Itération n° 5

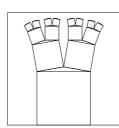
□ UN CHOU

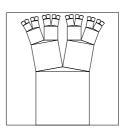
- ▶ Préfractale : un carré surmonté d'un triangle isocèle (10°/160°/10°).
- ▶ Protocole : homothétie + rotation -> empilement.
- ▶ Itérations : 6.











▶ Structure initiale

Itération n° 1

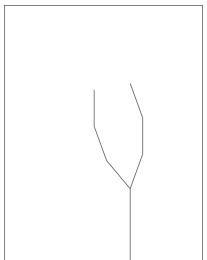
▶ Itération n° 2

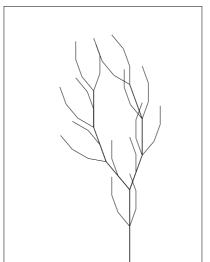
▶ Itération n° 2

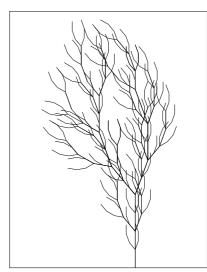
▶ Itération n° 2

☐ UN ARBRE

- ▶ Préfractale : un tronc à 2 branches (50°-70°).
- ▶ Protocole : homothétie + rotation.
- ▶ Itérations : 2.







▶ Structure initiale
▶ Itération n° 1

Itération n° 2