

Institute for advanced architecture of Catalonia

BARCELONA

MASTER IN ADVANCED ARCHITECTURE
SO.3 COMPUTATIONAL DESIGN - GENERATIVE ALGORITHMS
2016/2017

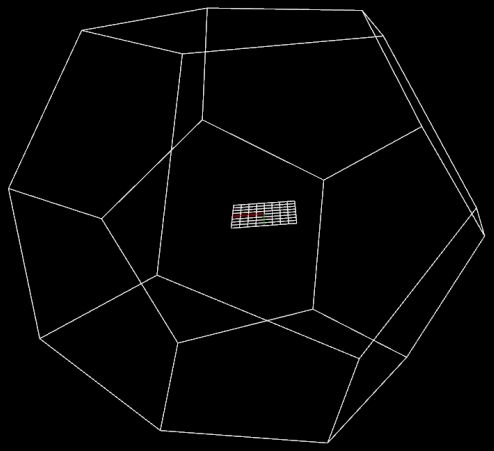
TUTORS: RODRIGO AGUIRRE, ALDO SOLLAZO

RECURSIVE TRANSFORMATIONS

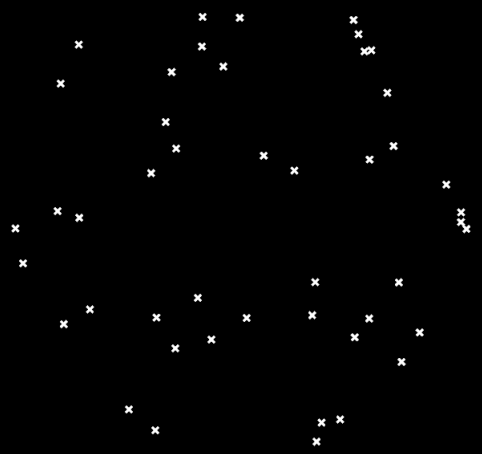
Filipp Sevostianov

Geometry evolution

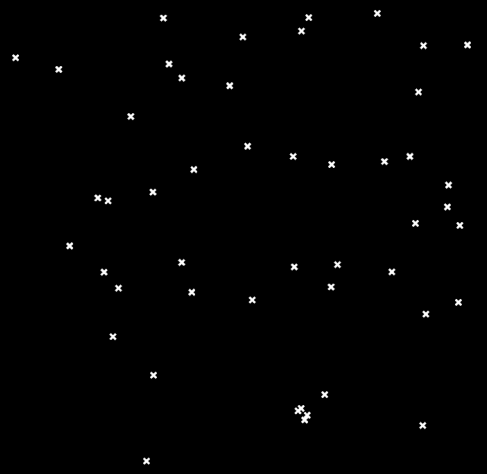
base geometry >

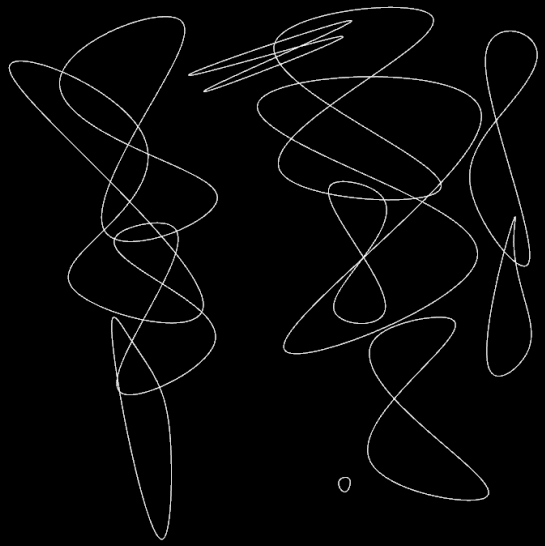


> curves division >

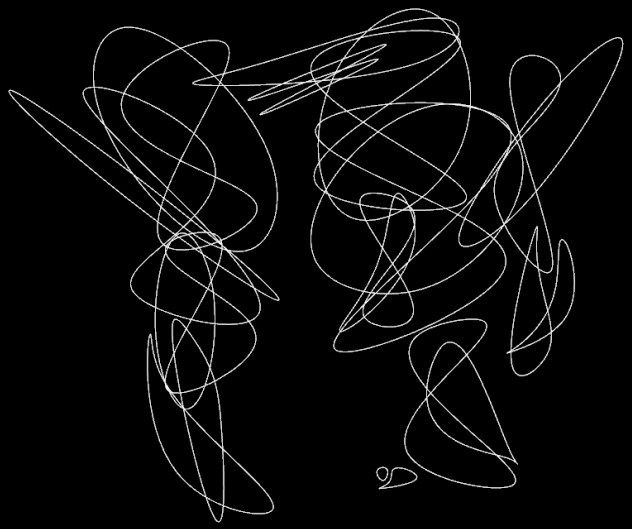


> points rotated around face centres >

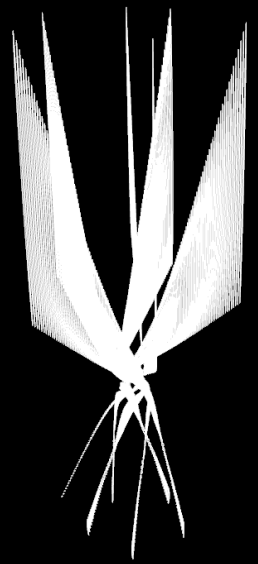




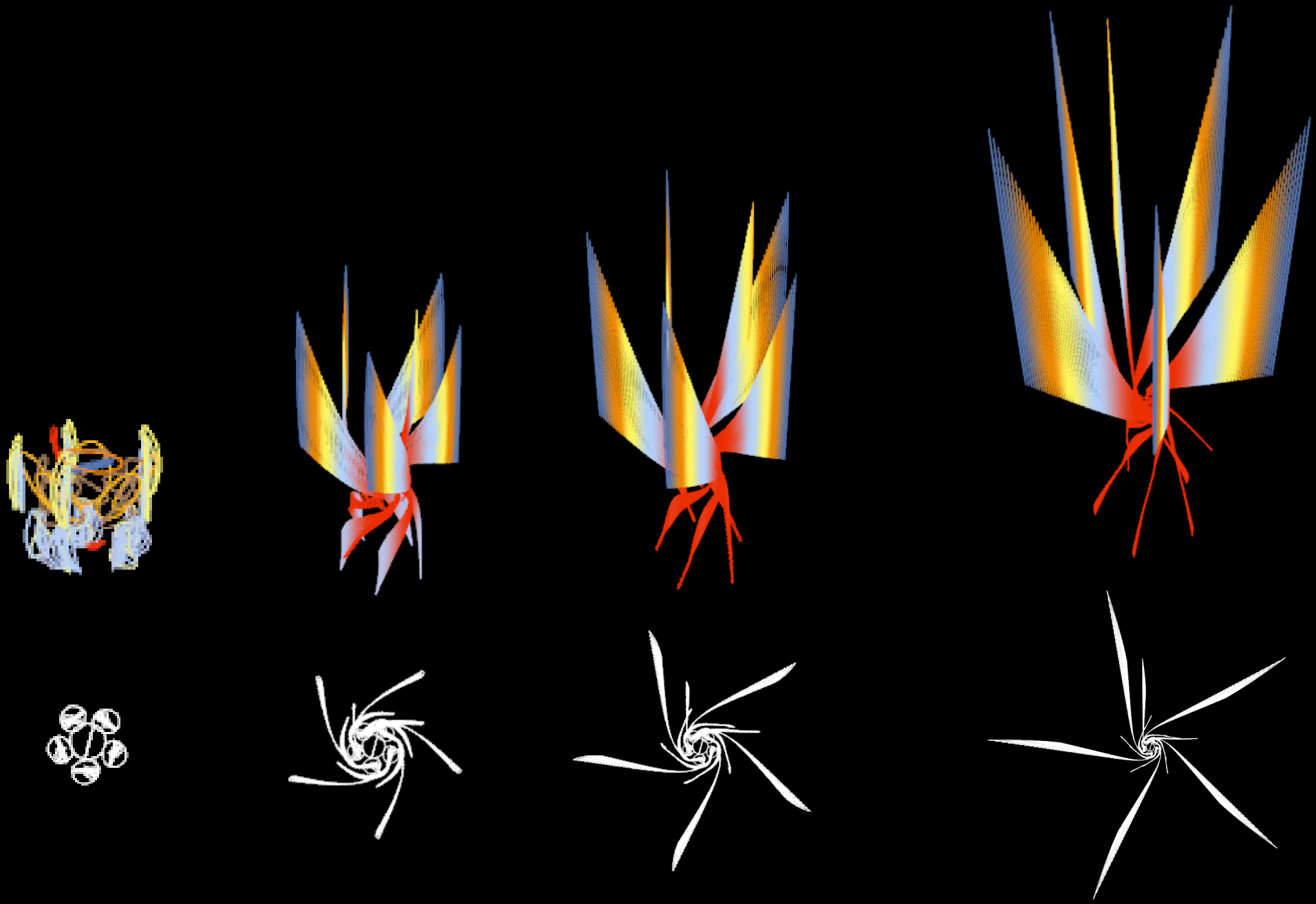
> new curves >>



>> 1 iteration >>



>> 100 iterations >>



Institute for advanced architecture of Catalonia

MASTER IN ADVANCED ARCHITECTURE
SO.3 COMPUTATIONAL DESIGN - GENERATIVE ALGORITHMS
2016/2017

RECURCIVE TRANSFORMATIONS
FILIPP SEVOSTIANOV