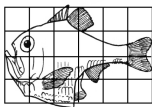
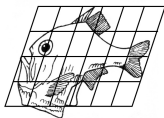


Experience with Transformations

- Matrix transformations in 2-D and 3-D in MAT 2240
- Symmetry groups in MAT 3110
- Symmetries of polyhedra in MAT 3610



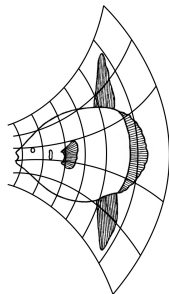
Argyroplecus



Sternoptyx



Diodon



Orthogoriscus

D'Arcy Thompson Transformation Grid [12]

Beginning of the 20th Century:



Felix Klein [11]

- Felix Klein's Erlangen Program
- Transformation group to understand a space
- Link with algebra revolutionized geometry

References