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Crown with Star braid & Diamond Arm

Part One: User Guide

The goal of this project is to create two jointed and animated 3D objects. My project includes a crown with star braid and a diamond arm. The crown is based on the 5-pointed star model and the diamond arm is based on a modified cube shape.
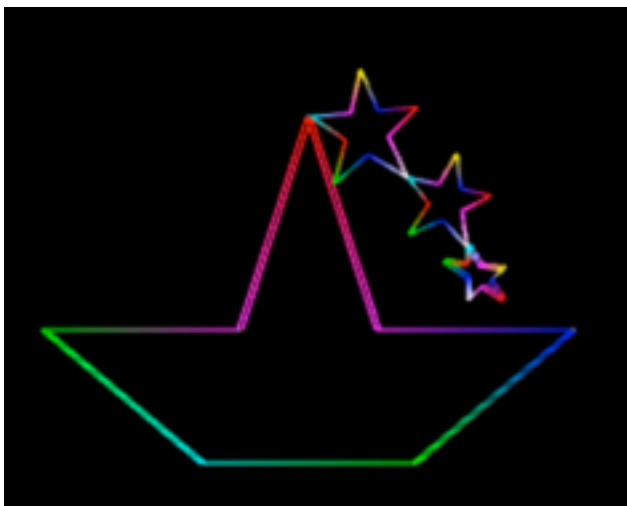
The two objects automatically rotate in the space, and there are several mouse/keyboard controls.

1.   Press the "space" button to pause and resume rotation
2.   Click on the Diamond arm to change the location of the joints
3.   Mouse drag the star braid on the crown to adjust placing of the braid
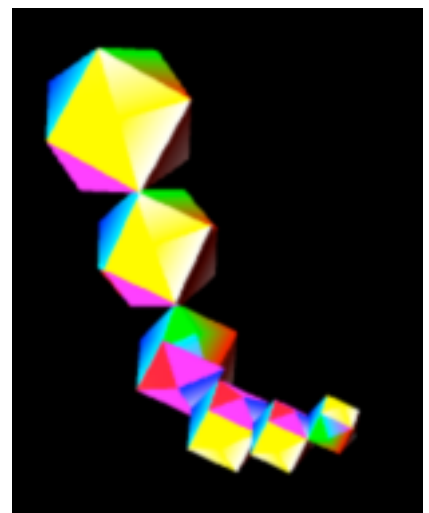4.   Extra Credit: press "spin >>" and "spin <<" button

Part Two: Image Illustration

1) Object shape by default

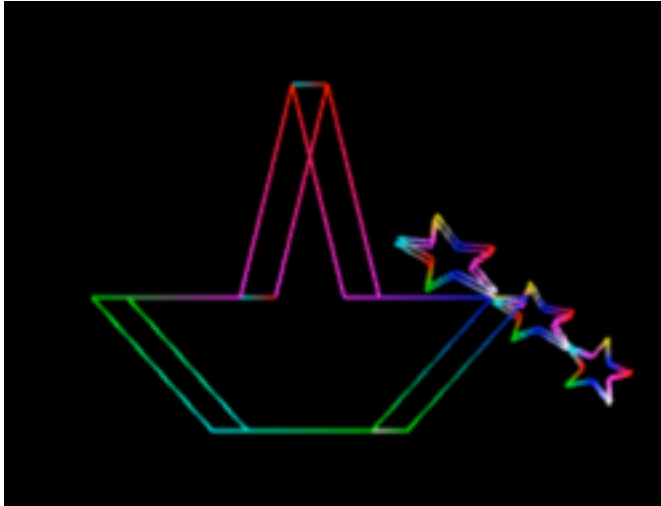 Object 1: Crown with star braid   Object Two: Diamond Arm

2) Effect after mouse control

Mouse drag that moves the star braid

Mouse click that changes location

o f   t h e
l o w e r
t h r e e
joints