4D Shapes Questionnaire

An Investigation into the best way to represent a cross section of a 4D objects

Experiment Information

Ask joe for this information

1. User ID *

    _____

2. Date of Experiment *

    _____

    Example: January 7, 2019

3. Time of Experiment *

    _____

    Example: 8:30 AM

Before Experiment

4. Do you have any disability or visual impairment that may affect your comprehension of shapes or colours? (e.g colour blindness) *

    _____

5. How do you learn best? *

   Mark only one oval.

   - ( ) Visual Learning (graphs or diagrams)
   - ( ) Auditory Learning (listening to an explanation)
   - ( ) Kinesthetic Learning (hands on tasks)
   - ( ) Reading/Writing

6. Have you heard of / researched 4D shapes in the past? *

   Mark only one oval.

   - ( ) Yes
   - ( ) No

7. Briefly describe your experience with 4D shapes:

   _____

   _____

   _____

   _____

   _____

   After Tutorial Video

8. Is there anything that came up in the tutorial video that you feel may be a challenge for you?

   _____

   After Experiment

   W-Axis "Timeline" Representation

9. What about this representation did you like? *

_____

10. What about this representation did you dislike? *

_____
_____
_____
_____
_____

Multi-Rotational View Representation

11. What about this representation did you like? *

_____

12. What about this representation did you dislike? *

_____
_____
_____
_____
_____

3D Axial Rotation to mimic the 3D axis component of 4D Rotation Representation (4D to 3D Rotation)

13. What about this representation did you like? *

_____

14. What about this representation did you dislike? *

_____

_____

_____

_____

_____

Permission

15. Do you give permission for the data collected in this experiment to be analysed? The data will be analysed and presented anonymously. You can change your mind at any time after the experiment. *

    Mark only one oval.

    ◯ Yes

    ◯ No