CSCM37: Coursement 1

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Part 1

Description

Image:

Tool: The name of the tool used to generate the image

Visual Mappings:

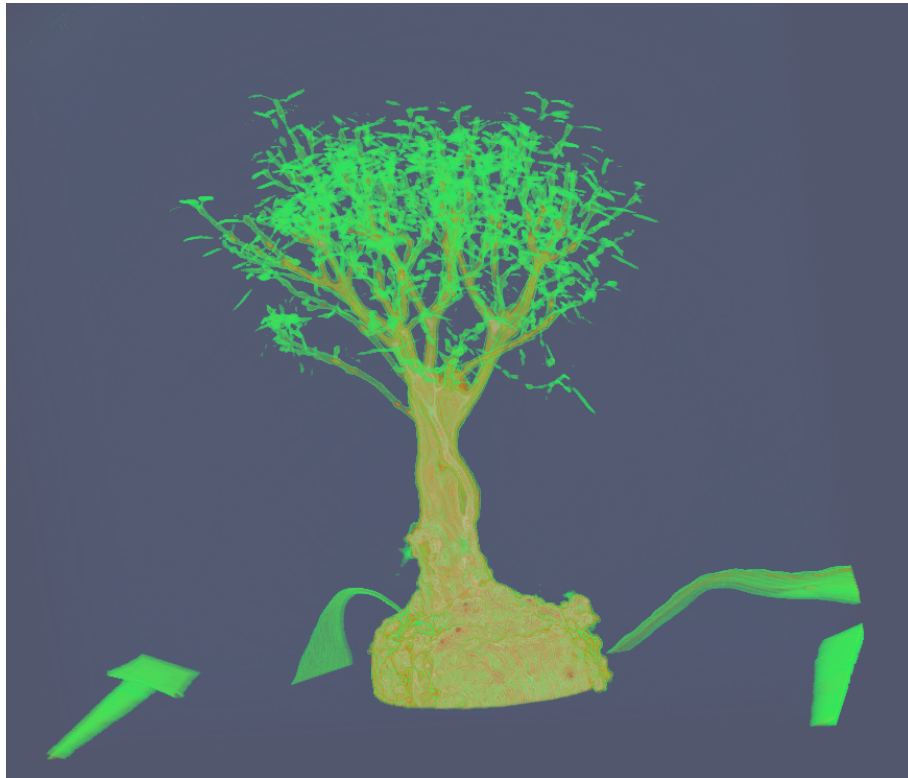- **mapping 1**: Answer
- **mapping 2**: Answer

Data Conversion: Answer

Unique Observation: Answer

Part 2, Image 1

Description

Image:

Tool: Paraview

Visual Mappings:

- **mapping 1**: Answer
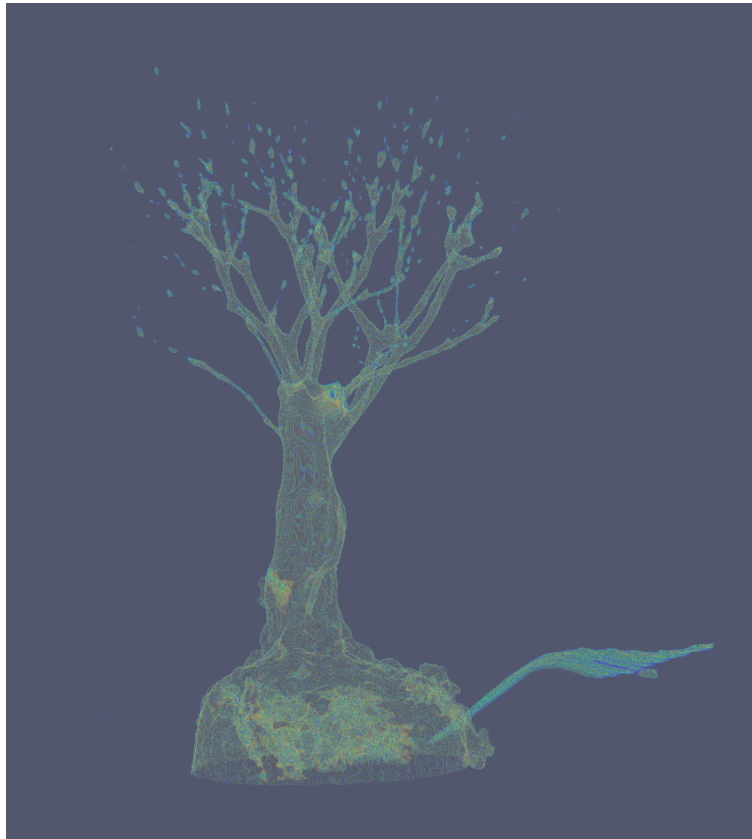- **mapping 2**: Answer

Data Conversion: Data scalar type unsigned char was used. Along with data extent: 0 - 511, 0 - 511, 0 - 181. Repersentaion is volume.

Unique Observation: Once the mapping has been altered a tree with leaves appears.

Part 2, Image 2

Description

Image:

Tool: Paraview

Visual Mappings:

- **mapping 1**: Colour mapping is set to LAB.

- **mapping 2**: Answer

Data Conversion: Data scalar type unsigned char was used. Along with data extent: 0 - 511, 0 - 511, 0 - 181. Repersentaion is volume.

Unique Observation: At data point 76.894 is where the internal part of the tree trunk disappears. While at data point 54.696, this is where the leaves will start to dissapear from the visualisation.

Part 2, Image 3

Description

Image:

Tool: Paraview

Visual Mappings:

- **mapping 1**: Colour is set to X-ray.

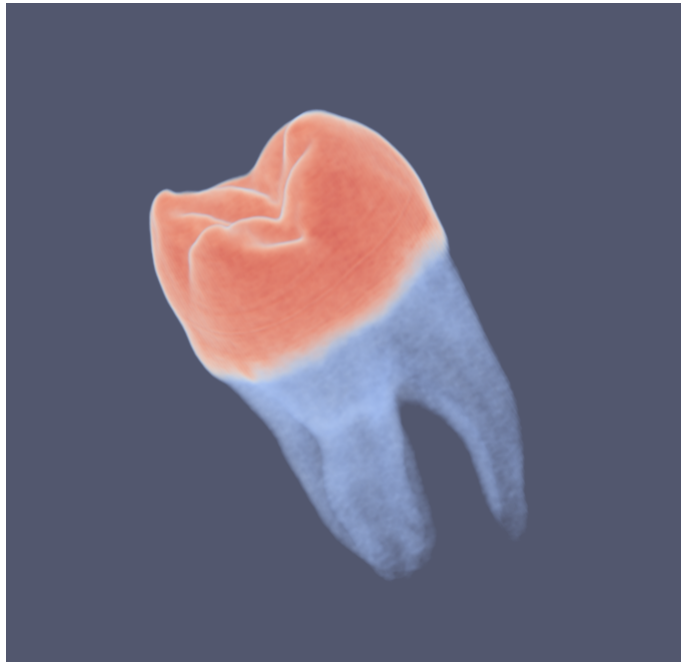- **mapping 2**: Volume rendering mode is set to OSPRay Based with a blend mode of Isosurface

Data Conversion: Data scalar type unsigned char was used. Along with data extent: 0 - 511, 0 - 511, 0 - 181

Unique Observation: Once the mapping has been altered a tree with leaves
appears.

Part 2, Image 4

Description

Image:

Tool: Paraview

Visual Mappings:
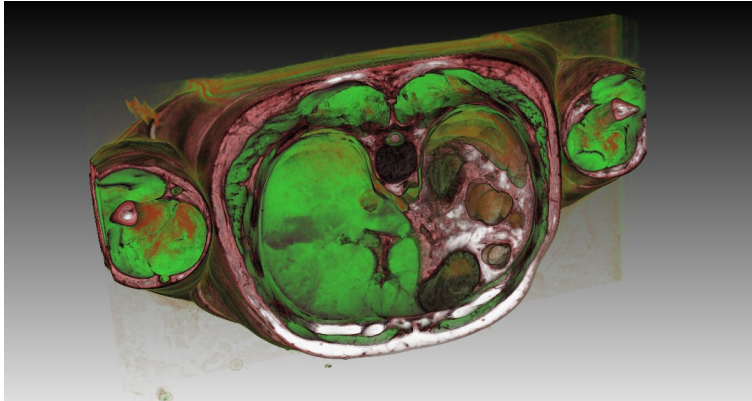
- **mapping 1**: Answer

- **mapping 2**: Answer

Data Conversion: Answer

Unique Observation: At datapoint 948.195 is where the transition from the
root to the actual tooth. This is the white strip in the image.

Part 3, Image 1

Description

Image:

Tool: Inviwo

Visual Mappings:

- **mapping 1**: Answer
- **mapping 2**: Answer

Data Conversion: Answer

Unique Observation: Answer

Part 3, Image 2

Description

Image:

Tool: The name of the tool used to generate the image

Visual Mappings:

- **mapping 1**: Answer
- **mapping 2**: Answer

Data Conversion: Answer

Unique Observation: Answer