Axes and Planes

Talk to a Teacher
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

Snehalatha Kaliappan
IIT Bombay

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Learning Objectives

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- **Axes, Planes and Centroids**

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- **2D-Labels**

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- **Axes, Planes and Centroids**
- **2D-Labels**
- **Per-Model clipping**

Pre-requisites

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- **Chimera interface**

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- **http://spoken-tutorial.org**

System Requirement

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- **Ubuntu OS version 14.04**

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- **Mozilla firefox browser 42.0**
- **Working internet connection**

Per-Model Clipping

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▶ **Per-Model Clipping allows different models to be clipped in different ways**

Per-Model Clipping

- **Per-Model Clipping allows different models to be clipped in different ways**
- **It is a single plane that separates the visible and invisible portions of the model**

Per-Model Clipping

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- **Each model can have only one Per-Model Clipping plane**

Per-Model Clipping

- **Each model can have only one Per-Model Clipping plane**
- **A model and its surface are treated as separate models**

Summary

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- **Show Axes, Planes and Centroids**
- **Show 2D-Labels**
- **Draw Arrows**
- **Clip the model using Per-Model clipping tool**

Assignment

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- **Open a model of Chymotrypsin (PDB code: 7GCH)**
- **Draw planes**
- **Clip the structure using Per-Model Clipping tool**

About the Spoken Tutorial Project

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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- **Conducts workshops using spoken tutorials**
- **Gives certificates to those who pass an online test**
- **For more details, please write to contact@spoken-tutorial.org**

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- **More information on this Mission is available at http://spoken-tutorial.org /NMEICT-Intro**