

# **TonyPlot3D**

Release Notes

02/21/12

## **RELEASE NOTES**

### **VERSION 3.10.27**

#### **ALTERATIONS AND ENHANCEMENTS**

- Improve handling of material colors in cut plane process
- Add subtitle into set file
- Improve function to define the cut plane position in set file

### **VERSION 3.10.26**

#### **ALTERATIONS AND ENHANCEMENTS**

- Improve handling of “Air “ and “Gas “ material visualization

### **VERSION 3.10.24**

#### **NEW FEATURES**

- Ability to automatically scale axes to make structure into a cube
- Show electrode labels in 3D

#### **ALTERATIONS AND ENHANCEMENTS**

- Improve function to define axis origin for the device

### **VERSION 3.10.22**

#### **NEW FEATURES**

- Export 2D structure file through the command line
- Add function to show element ID in Probe View UI
- Allow IsoSurface value to be manually input

#### **ALTERATIONS AND ENHANCEMENTS**

- Improve definition of initial cutplane
- Improve definition of cutplane and mesh mode setting
- Improve handling of logarithmic quantity in IsoSurface

## **VERSION 3.10.0**

### **NEW FEATURES**

- Add function to restore camera position, zoom, light, material color, contours and IsoSurface information in set file
- Capability to generate predefined pictures or results
- Function to cut substrate electrode (zero thickness) and export cutting results into 2D slice in TonyPlot(2D)

### **ALTERATIONS AND ENHANCEMENTS**

- Improve logarithmic and linear interpolation for contours and cutplanes

## **VERSION 3.8.4**

### **ALTERATIONS AND ENHANCEMENTS**

- Support backup material name from SDB

## **VERSION 3.8.3**

### **NEW FEATURES**

- Add function to save and load cutplane set file

## **VERSION 3.8.0**

### **NEW FEATURES**

- Define Junction IsoSurface with impurity value = 0 for Net Doping

### **ALTERATIONS AND ENHANCEMENTS**

- Increase creation speed of cutplane initial position
- Improve handling of Hydrostatic Pressure legend area with correct unit

## **VERSION 3.6.1**

### **NEW FEATURES**

- Capability to change material colors
- Capability to define cutplane with three specified points

- Export cutplane to TonyPlot with a unique file name