

## VISUALIZATION

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## Topic#1 - Convert from CAD STL ASCII format to MAT format

Description: ...coming soon...

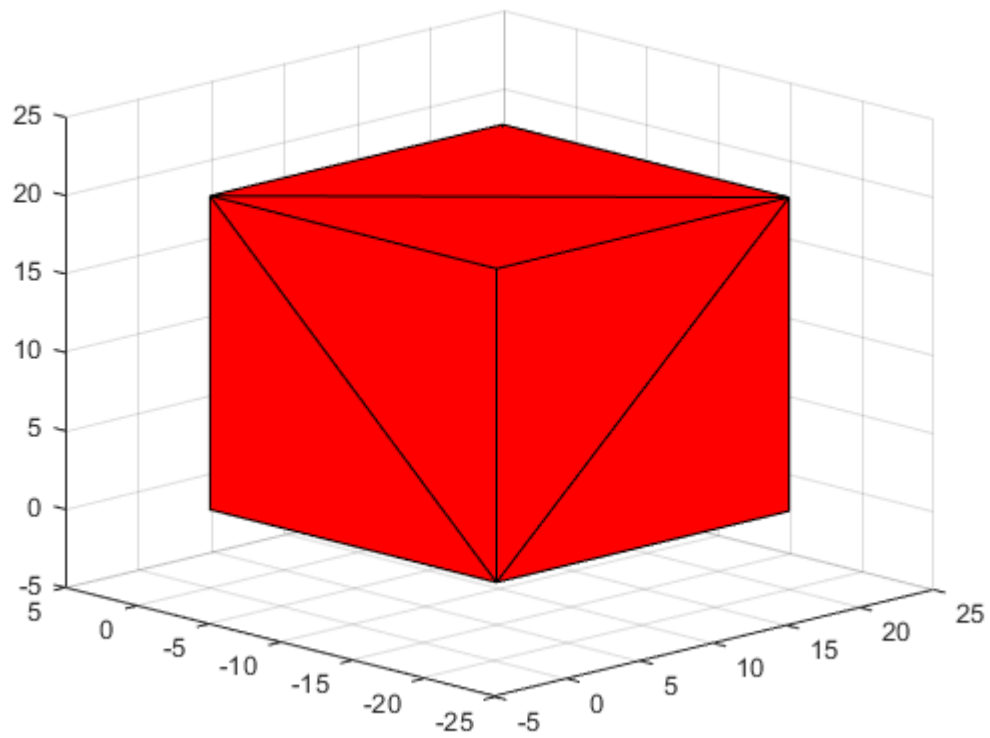


Fig.1.01. Visualization of the cube from CAD format in Matlab

## Topic#2 - Vehicle configuration in rectangle form

Description: ...coming soon...

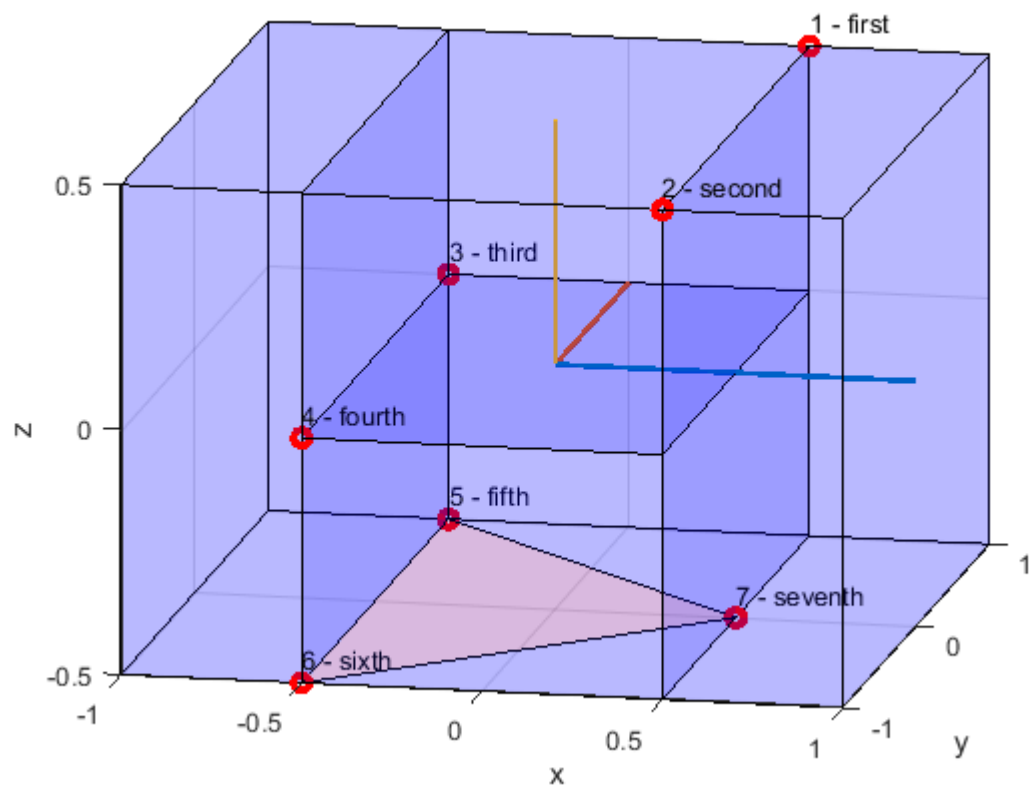


Fig.2.01. Visualization of the vehicle configuration in rectangle form

### Topic#3 - Vehicle trajectory

Description: ...coming soon...

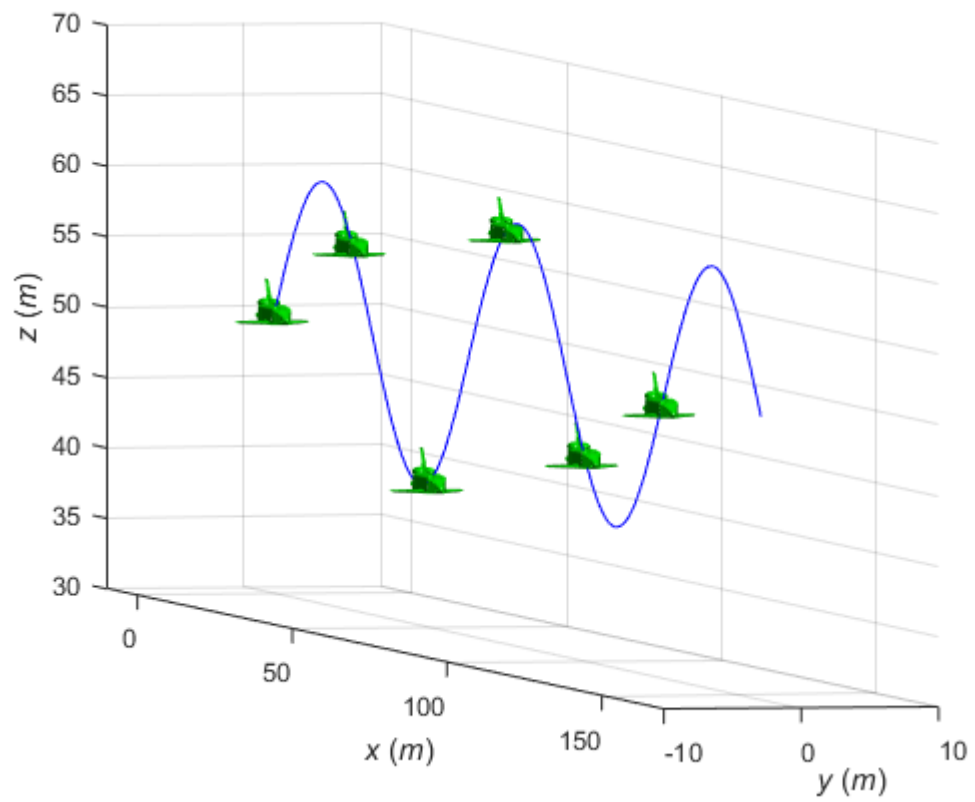


Fig.3.01. Visualization of the vehicle trajectory

#### Topic#4 - Animation of a vehicle motion

Description: ...coming soon...

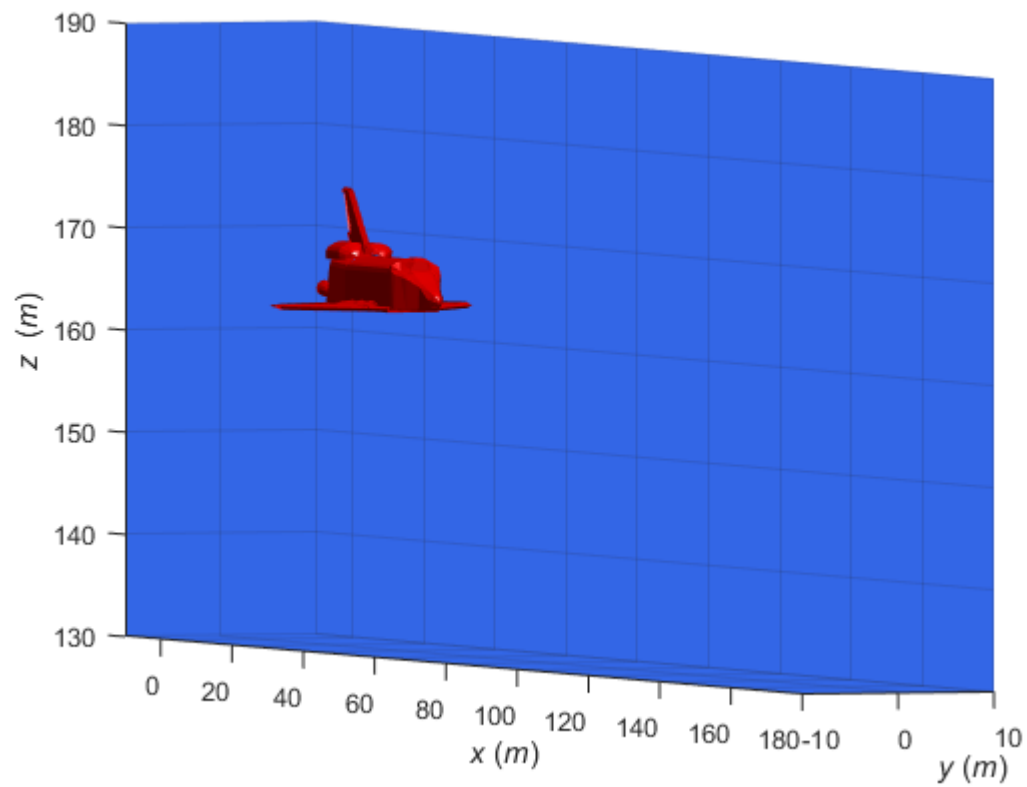


Fig.4.01. Visualization of the vehicle motion

## Topic#5 - Animation of a few vehicles motion

Description: ...coming soon...

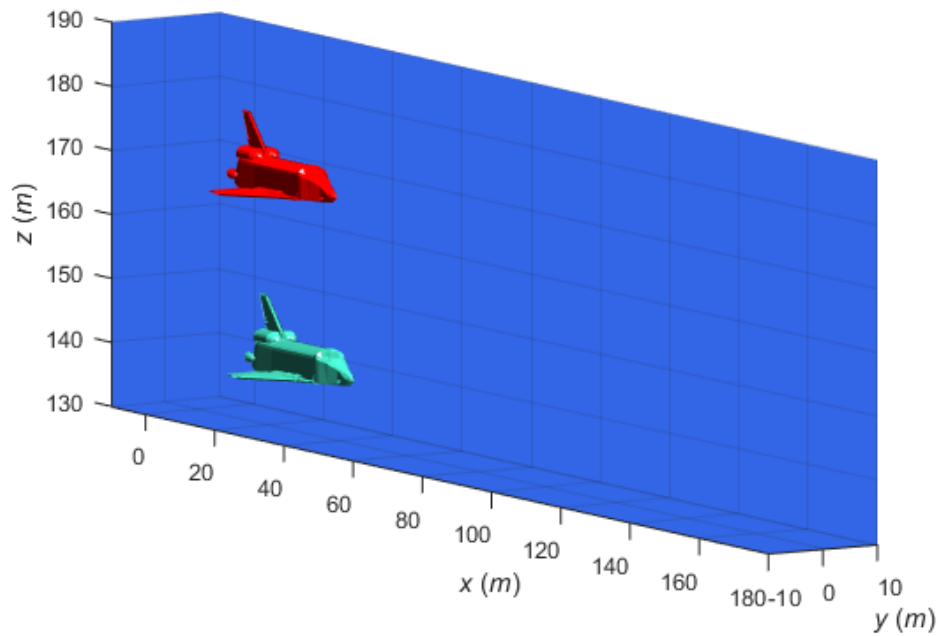


Fig.5.01. Visualization of two vehicles motion

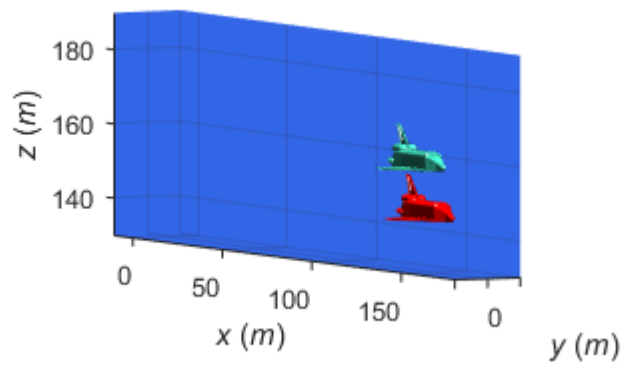
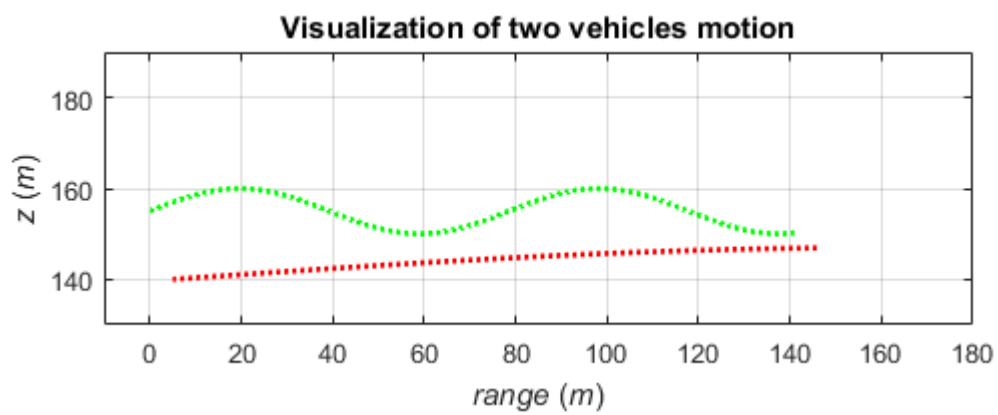


Fig.5.02. Visualization of two vehicles motion with the docking trajectory

**Topic#6 - Polar histogram - Wind rose**

Description: ...coming soon...

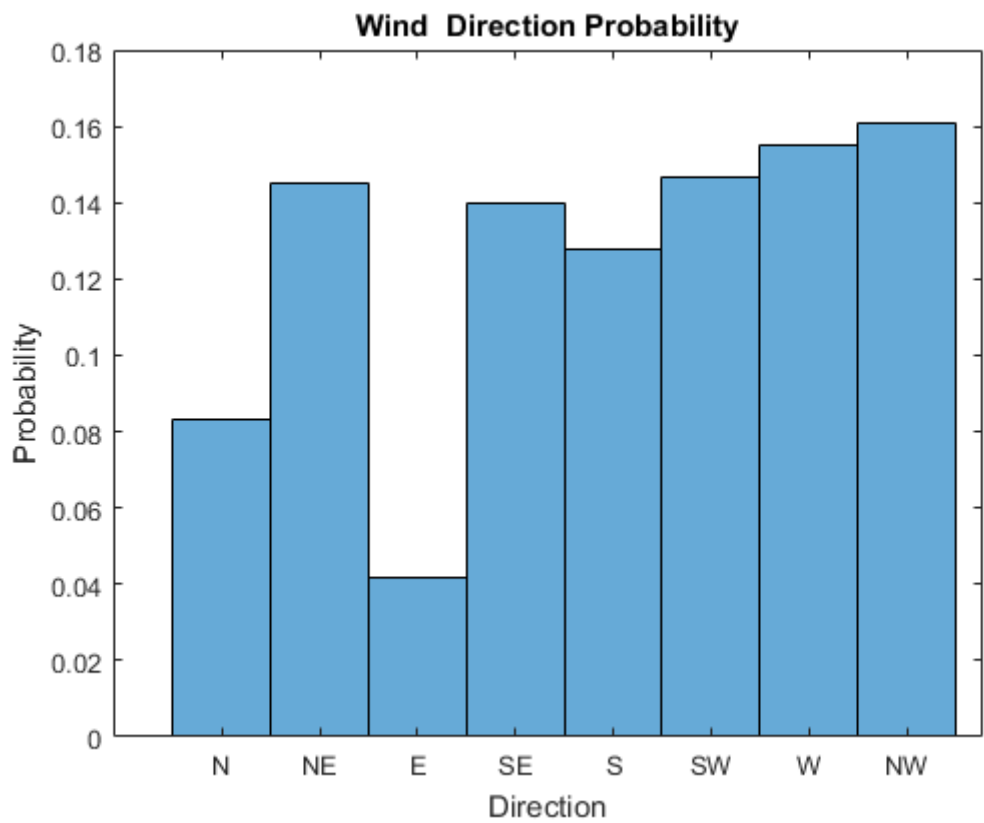


Fig.6.01. Wind direction probability

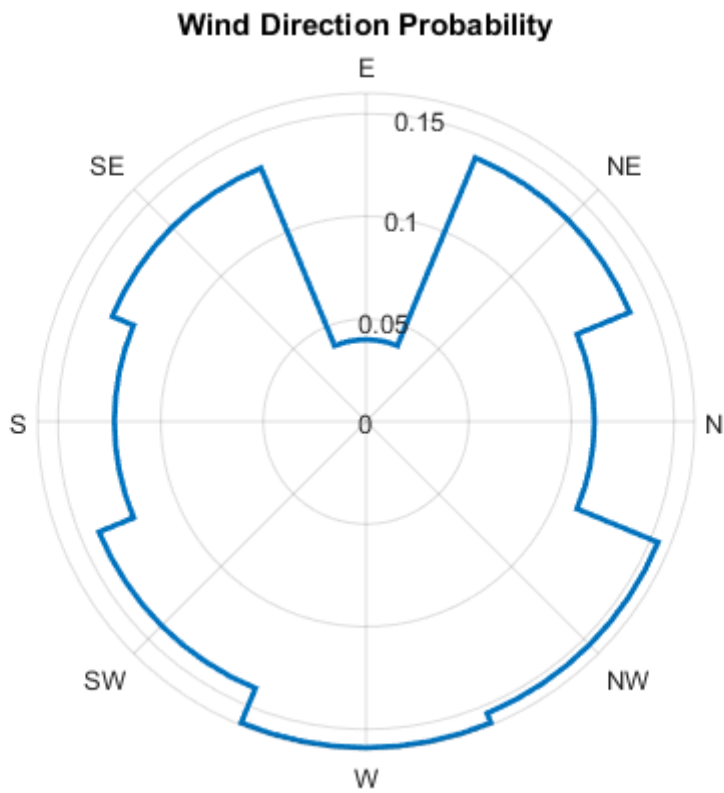


Fig.6.02. Wind rose with probabilities