

In []:

```
!pip install opencv-python mediapipe
```

In [10]:

```
import cv2
import mediapipe as mp
mp_drawing = mp.solutions.drawing_utils
mp_objectron = mp.solutions.objectron
image = cv2.imread("chair.jpg")
window_name = 'Chair'
cv2.imshow(window_name, image)
cv2.waitKey(0)
with mp_objectron.Objectron(static_image_mode=True, max_num_objects=5,
                           min_detection_confidence=0.5,
                           min_tracking_confidence=0.5,
                           model_name='Chair') as objectron:
    annotated_image = image.copy()
    results = objectron.process(cv2.cvtColor(image, cv2.COLOR_BGR2RGB))
    for detected_object in results.detected_objects:
        mp_drawing.draw_landmarks(annotated_image, detected_object.landmarks_2d,
                                   mp_objectron.BOX_CONNECTIONS)
        mp_drawing.draw_axis(annotated_image, detected_object.rotation,
                             detected_object.translation)
    cv2.imwrite('D:/chair1' + '.png', annotated_image)
```

In [11]:

```
window_name = 'Annoted Chair'
cv2.imshow(window_name, annotated_image)
cv2.waitKey(0)
cv2.destroyAllWindows()
```



