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Introducing ChatGPT | AutoLISP Chair Design.

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JO AutoLISP for a door of 290 cm by 240 cm and (setq frame_thickness 500.0)

Here's an example AutoLISP code that creates a simple door with dimensions of 290 cm by 240 cm and a frame thickness of 500.0:

less Copy code

```
(defun c:door ()
  (setq door_width 290.0) ; width of the door
  (setq door_height 240.0) ; height of the door
  (setq frame_thickness 500.0) ; thickness of the frame

  ; create door panel
  (command "rectang" "0,0" (strcat (rtos door_width) "," (rtos doo

  ; create door frame
  (setq frame_width (1.5 * frame_thickness)) ; width of the frame
  (command "rectang" (strcat (rtos (- frame_thickness)) "," (strca
  (command "rectang" "0,0" (strcat (rtos frame_thickness) "," (str
  (command "rectang" (strcat (rtos (- door_width frame_thickness))
  (command "rectang" (strcat (rtos frame_thickness) "," (strcat (r
  (command "rectang" (strcat (rtos (+ door_width frame_thickness))

  (princ)
)
```

This code is similar to the previous example, but the dimensions of the door and the frame thickness are larger. The code defines a function called "door" that creates a door by drawing rectangles of specified dimensions using the AutoCAD "rectang" command. The dimensions of the door, including the door width and height and the frame thickness, are defined using the "setq" command.

The code first creates the door panel by drawing a rectangle with the width and height specified in the "setq" command. It then creates the door frame by drawing rectangles of the specified dimensions using the "rectang" command.

Keep in mind that this is a very large door, and it may not be practical or safe to create a door of this size without additional structural support. Additionally, the frame thickness of 500.0 may not be realistic for a typical door. This code is provided as an example of using AutoLISP to create a custom door, but you should always consult with a qualified engineer or architect to ensure that your design meets safety and building code requirements.

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