- Description of implementation of *fkt* function
- I created 5 lists (theta\_offset, d, a, alpha and theta) for each DH parameter + one for the position of theta in order to assign the values from the dictionaries (mechanism and joints)
- In a for loop, I multiplied each A matrix (A10\*A21\*A32\*A43\*A54\*A65) and got the Transformation matrix T60
- From T60 I extracted the rotation matrix and the translation vector (2 arrays)
- Visualization of the range of end-effector positions projected into the x-y plane

-In order to visualize the range of the end-effector positions I took the x and y component from the translation vector and I computed it for different values of theta1:

## Heatmap representation

