

# Title of the document

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## Writing Equations

This is how we can type labelled equations

$$\hat{H}\psi(\mathbf{r}) = E\psi(\mathbf{r}) \quad (1)$$

For writing simple math stuff without numbering we can use

$GT = \{gt\}$ ,  $SEG = \{seg\}$  are two sets of segmented objects.

## Writing Code

```
def iou3D(box_unet, centroid_star):

    ndim = len(centroid_star)
    inside = False

    Condition = [Conditioncheck(centroid_star, box_unet,
                                p, ndim)
                  for p in range(0, ndim)]

    inside = all(Condition)

    return inside

def Conditioncheck(centroid_centroid, box_unet,
                  p, ndim):

    condition = False

    if centroid_star[p] >= box_unet[p]
    and centroid_star[p] <= box_unet[p + ndim]:

        condition = True

    return condition
```

## Putting a figure

For adding a figure it is like

Then we can refer to the figure by saying is shown in the Figure ??

## Citing People

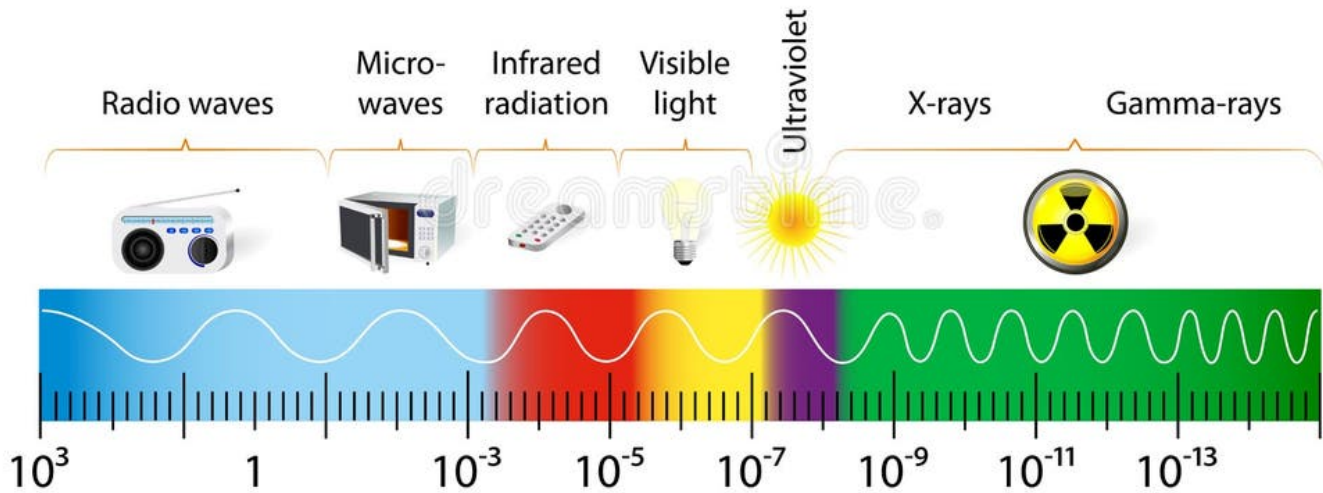
[SWBM18] [WSH<sup>+</sup>20] [BM18] [RFB15] [WCV<sup>+</sup>20] [ESC<sup>+</sup>18]

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# THE ELECTROMAGNETIC SPECTRUM



**Fig. 1:** Schematic representation showing the radiation spectrum with decreasing wavelength (in meters) from left to right, radio waves have wavelength of kilometers (that is what it needs to be in our houses from a transmitter tower), microwaves of about 5 cm (easy guess as the size of the box itself is about 15 cm or so) while the visible radiation is 400-800 nano meter.

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