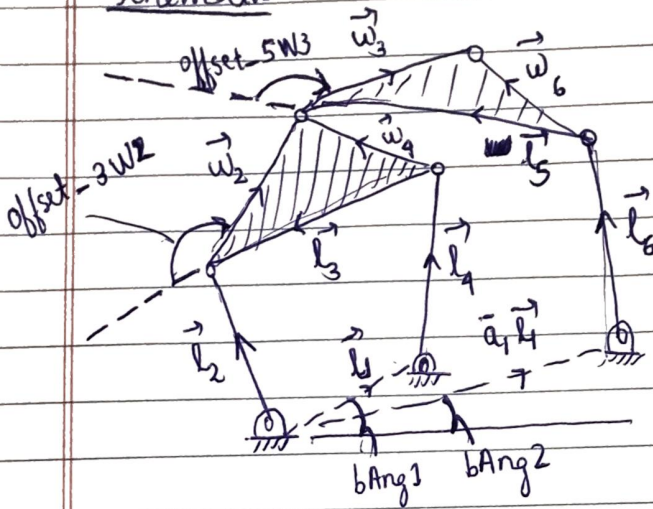


## -: SYNTHESIS :-

### Schematic



### Parameters to find :-

$l_1, a_1, l_2, l_3, l_4,$

$w_2, w_4, w_3, w_5,$

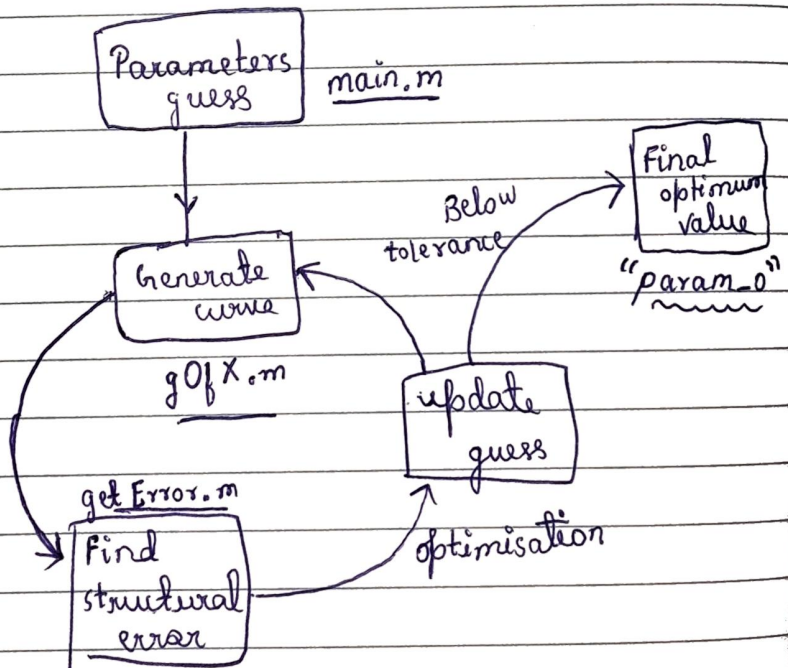
$l_5, l_6,$

$\text{offset} - 3w_2,$

$\text{offset} - 5w_3, \text{bAng1},$

$\text{bAng2}$

### Iterative method



**NOTE:-** The values of  $w_4$  &  $w_6$  that are returned in the param array are garbage values. Because the func<sup>n</sup> gOfX doesn't ever use these two variables  $w_4$  &  $w_6$ . So there is no scope of optimising them. Rather, a random bias has been added to the initial values.