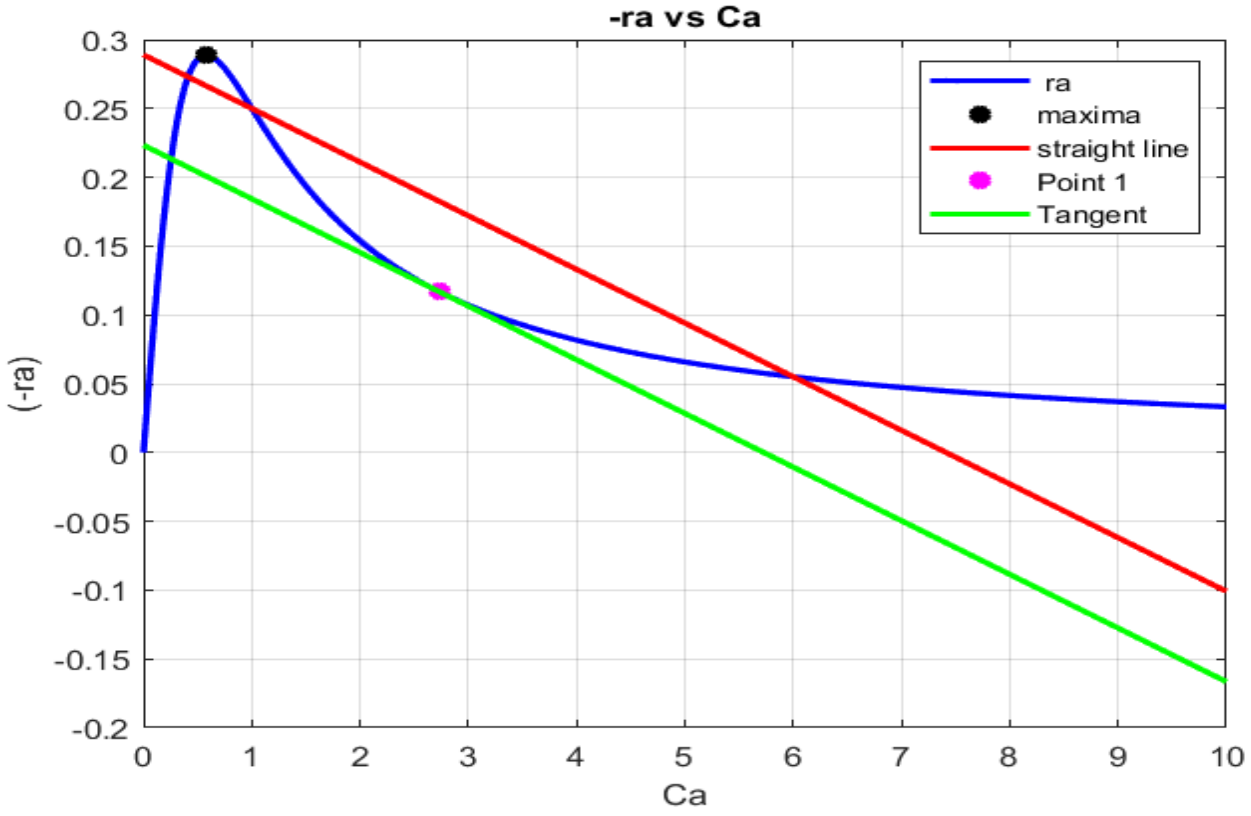

For `f(Ca) = k1Ca/(1 +K2Ca^2)`

```
>> suchit_201009
Enter the value of k1 = 1
Enter the value of k2 = 3
Enter the value of starting value of Ca(Ca1) = 0
Enter the value of ending value of Ca(Ca2) = 10
Point of Derivative = 0.5
x coordinate of point 1 = 1
x coordinate of point 2 =6
```

```
The Derivative at point 0.500000 =0.08163265

Area under the Curve =0.95118504

Maxima =0.28867513 at a point 0.577350

Point(2.73621828,0.11663001) at which the slope is same as given slope(-0.03899083)
```