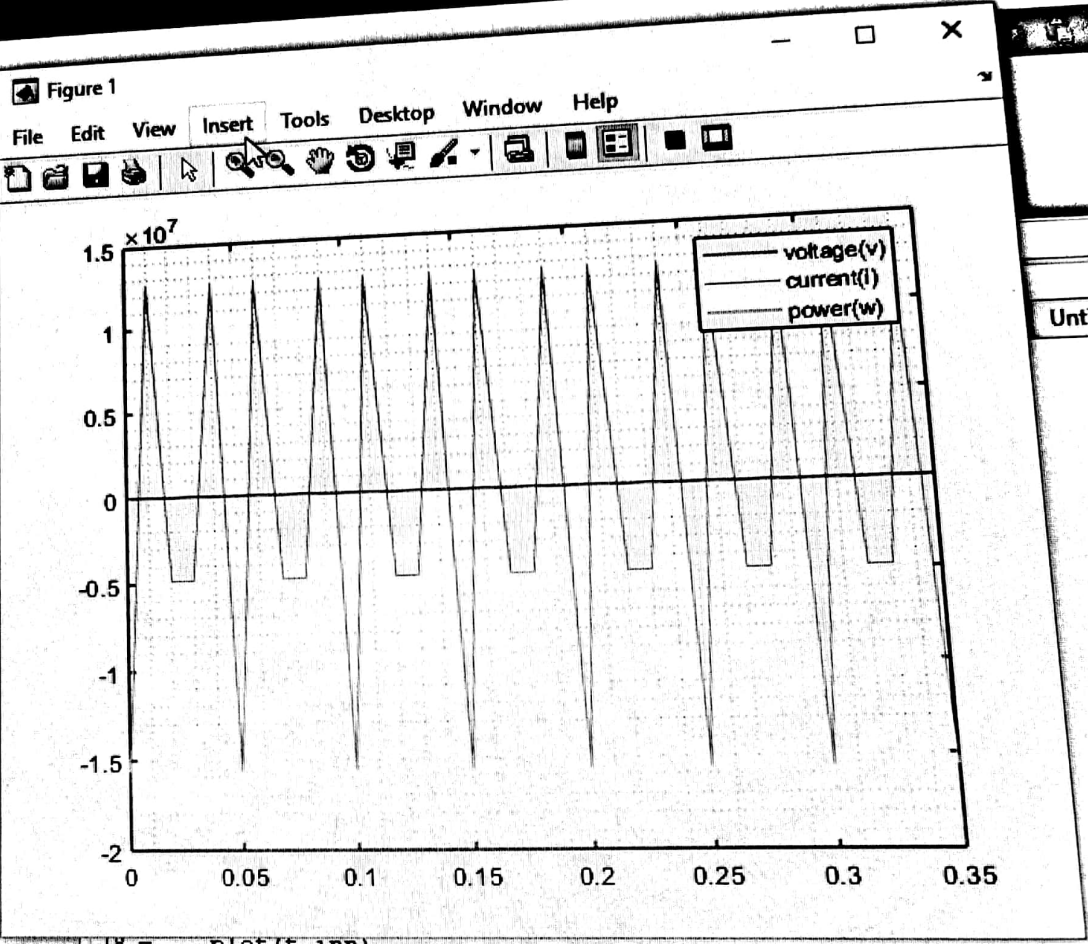


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3 1.2648
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```
18 - plot(t, inn)
19 - hold on
20 - plot(t, pnn)
21 - legend('voltage (v)', 'current (i)', 'power (w)')
22 - grid on
23 - grid minor
24
```

Untitled2* x doutimi01

```
Editor - C:\Users\Oziro Peace Doutimi\Documents\doutimi01.m
+4 peace05.m X peace06.m X peace07.m X peace08.m X Untitled X Untitled2* X doutimi01.m X symengine.m
1 - commandwindow
2 - clear
3 - clc
4 - close all
5 - syms t
6 - v=110*cos(120*pi*t)
7 - i=diff(v)
8 - p=diff(i)
9 - t=0:0.01:0.35
10 - vn=subs(v)
11 - vnn=double(vn)
12 - in=subs(i)
13 - inn=double(in)
14 - pn=subs(p)
15 - pnn=double(pn)
16 - plot(t,vnn)
17 - hold on
18 - plot(t,inn)
19 - hold on
20 - plot(t,pnn)
21 - legend('voltage(v)', 'current(i)', 'power(w)')
22 - grid on
23 - grid minor
24
```