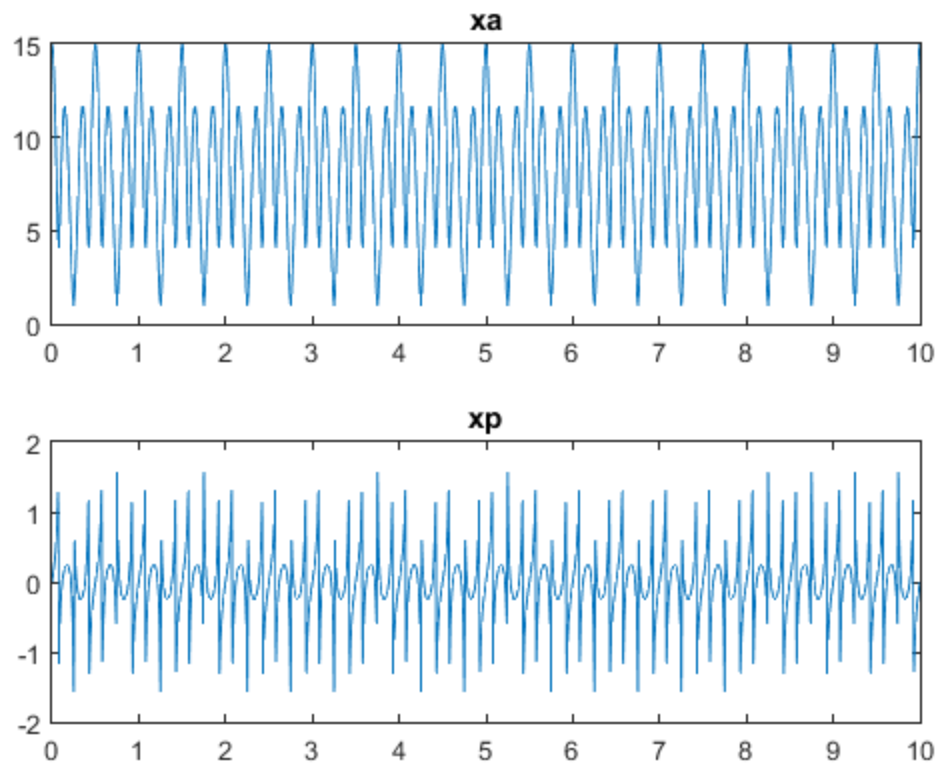

```
t=0:.01:10;  
xi=12*cos(6*pi*t)+3*cos(10*pi*t);  
xq=2*sin(6*pi*t)+3*sin(10*pi*t);  
  
xi2=xi.^2;  
xq2=xq.^2;  
  
xa=sqrt(xi2+xq2);  
  
xp=atan(xq./xi);  
  
subplot(2,1,1), plot(t,xa);  
title('xa');  
subplot(2,1,2), plot(t,xp);  
title('xp');
```



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