
```
t = 0:0.0001:3;  
% a = 1;  
a = 2;  
% a = 3;  
x3 = exp(-(a ^ 2 + 2) * t) .* cos(2 * pi * 440 * t);  
plot(t, x3);  
xlim([0 0.1]);  
soundsc(x3);
```

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