



```
> # How to plot an impulse train.  
> # The adjustment width h should be chosen for visual effect.  
>  
> f:=x->2*sin(2*Pi*x) + 5*sin(2*Pi*6*x) + 9*sin(2*Pi*11*x);  
> Fw:=inttrans[fourier](f(x),x,w);h:='h';  
> ApproxDirac:=x->(1/2/h)*(piecewise(x+h<0,0,1)-piecewise(x-h<0,0,1));  
> F:=subs(Dirac=ApproxDirac,Fw);  
> F:=F/I:  
> h:=0.8:plot(F,w=-23*Pi..23*Pi);  
>  
>
```