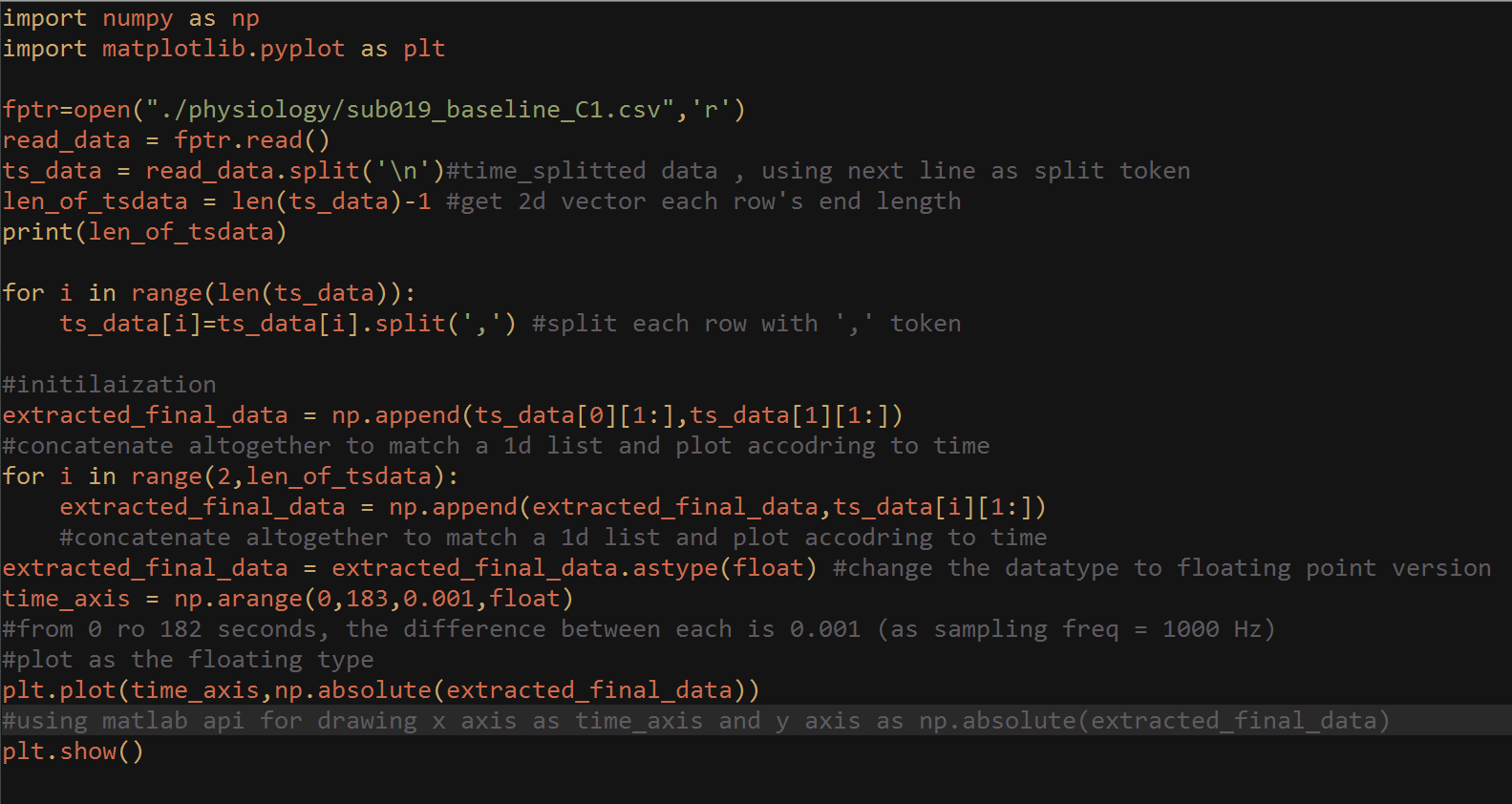
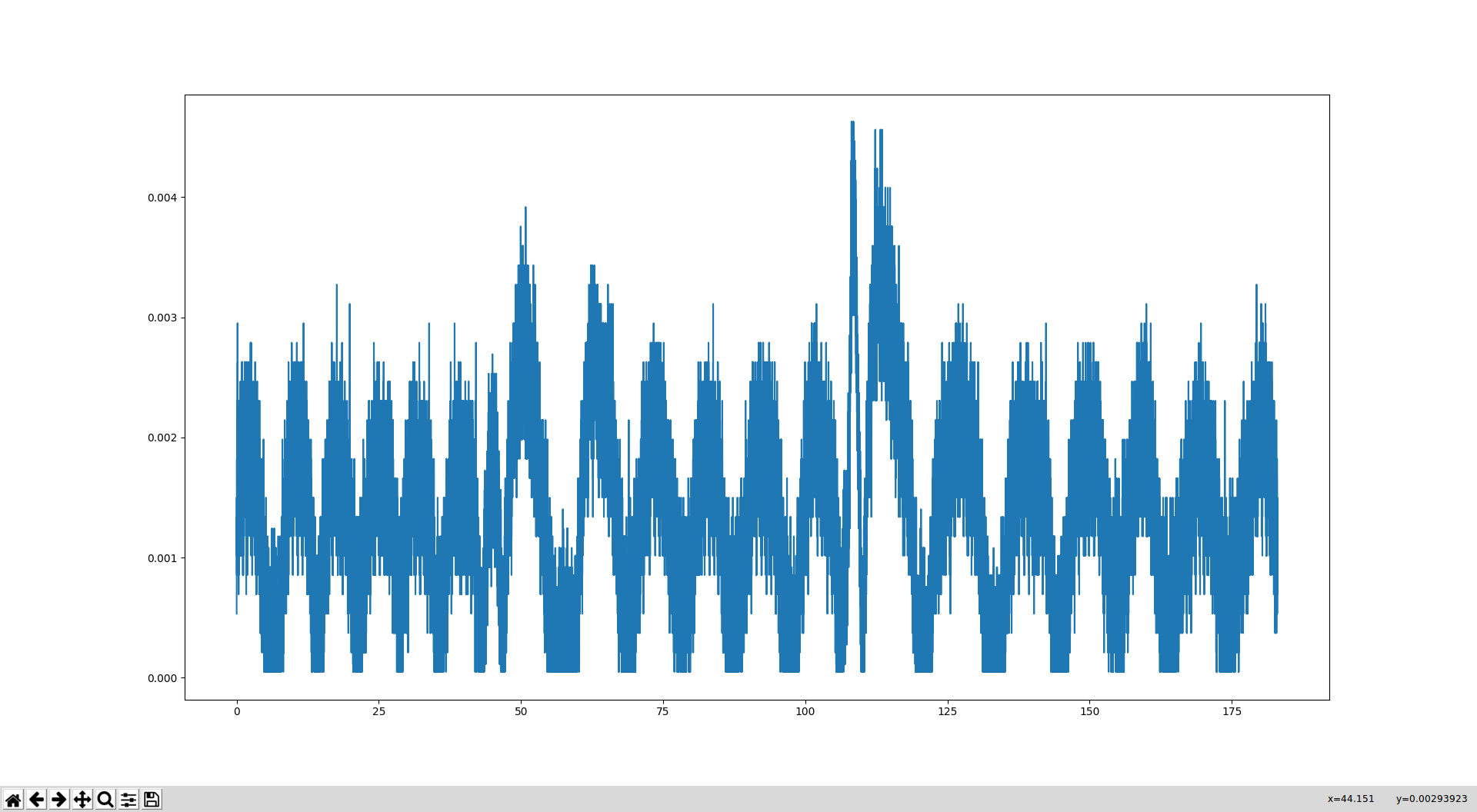
訊號與系統期末專題 0416324胡安鳳

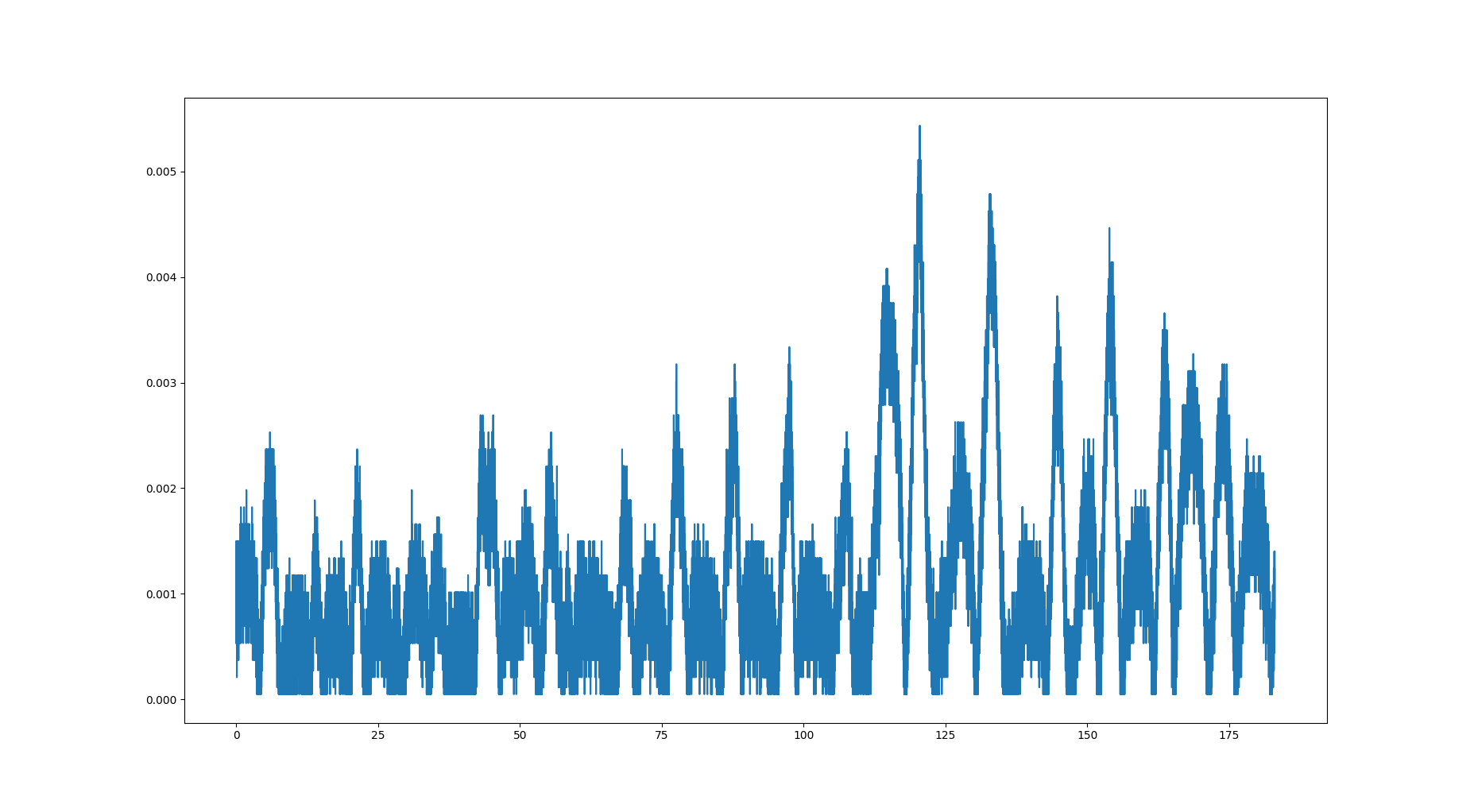
1.(a)使用Python搭配numpy函數庫做數理分析以及matplotlib(matlab作圖函數庫)做繪圖，解釋如程式碼中的註解。



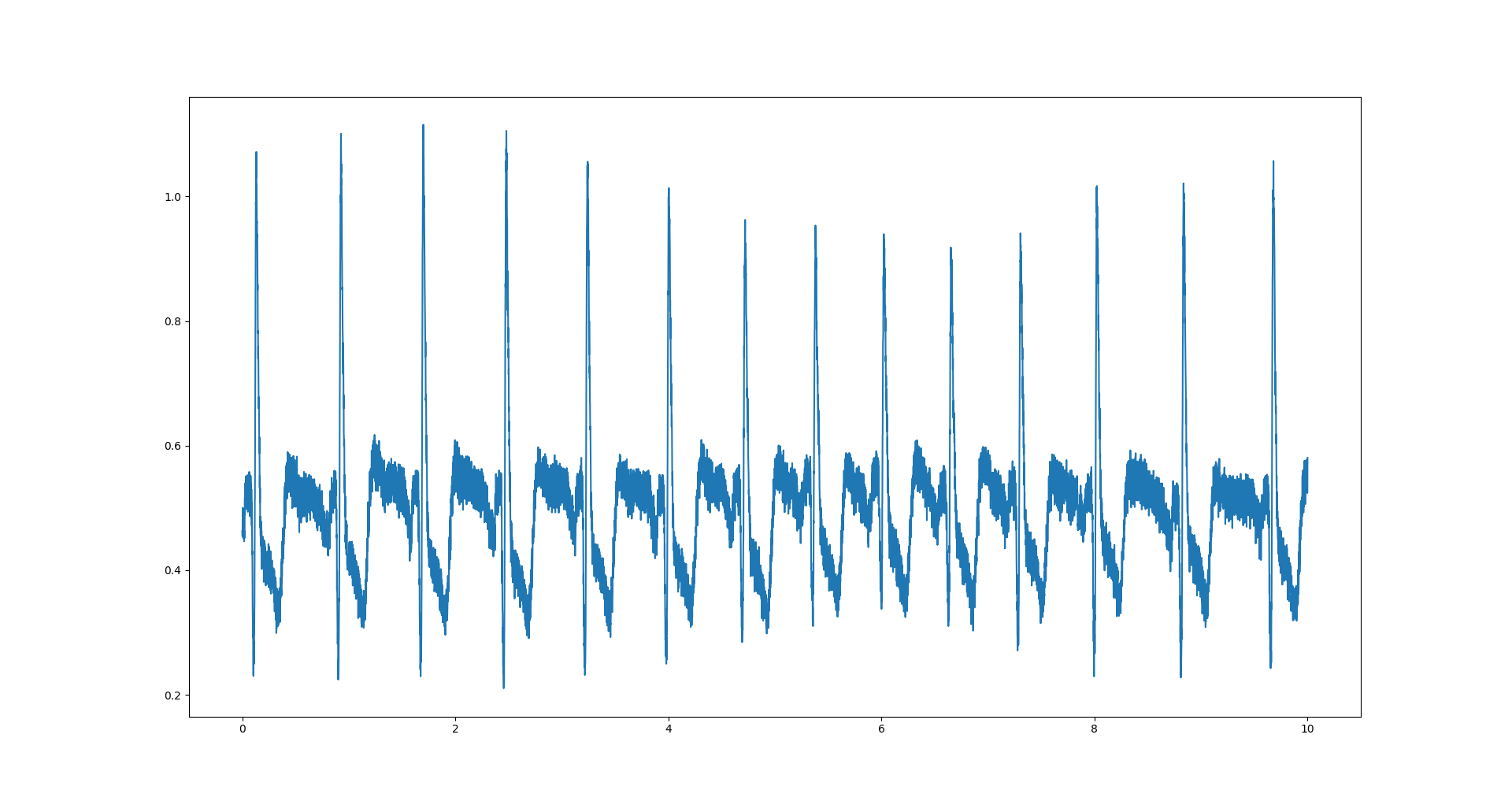
1(b)180sec x:time(sec) y:amplitude



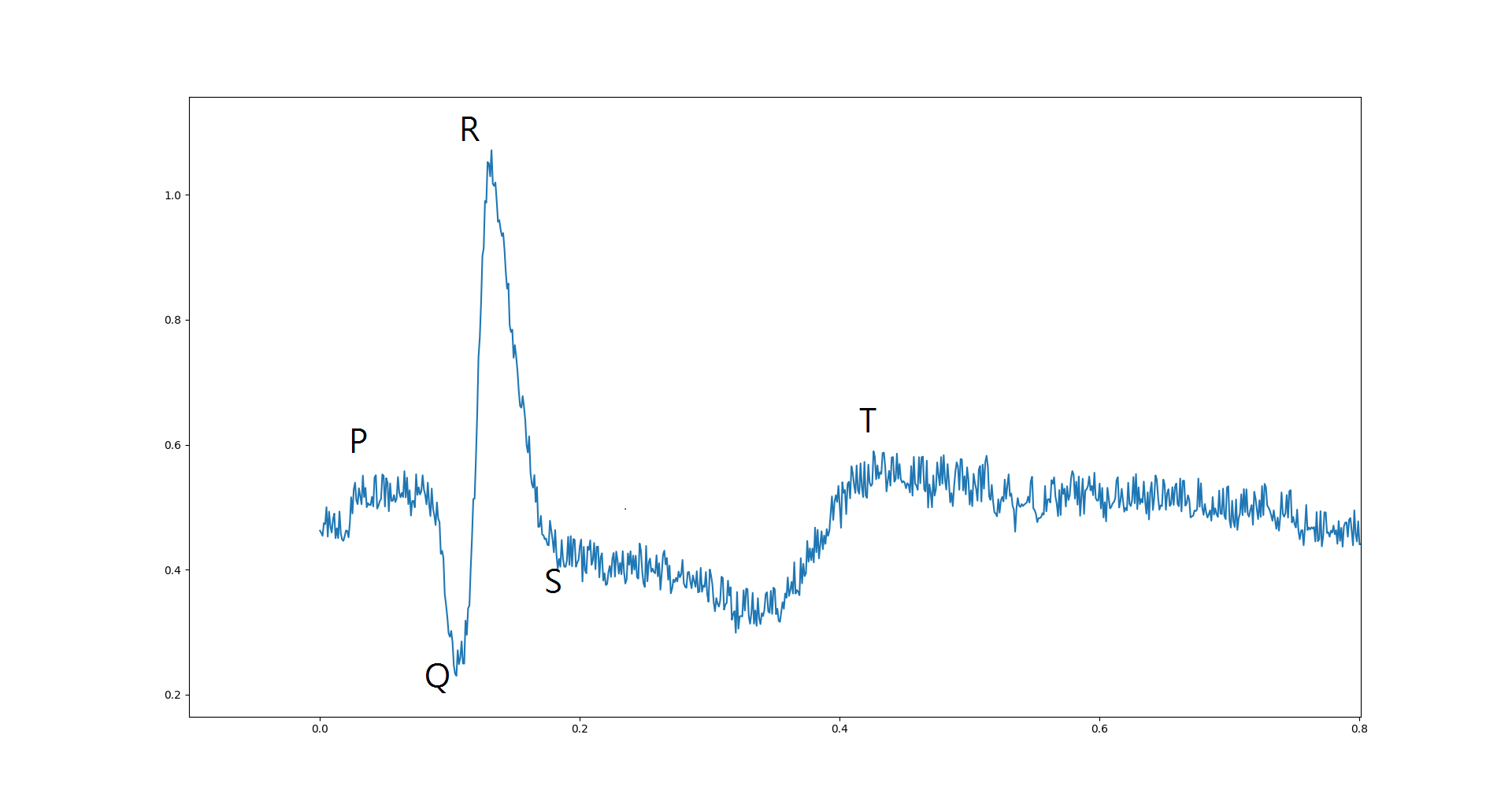
1(c)180sec x:time(sec) y:amplitude



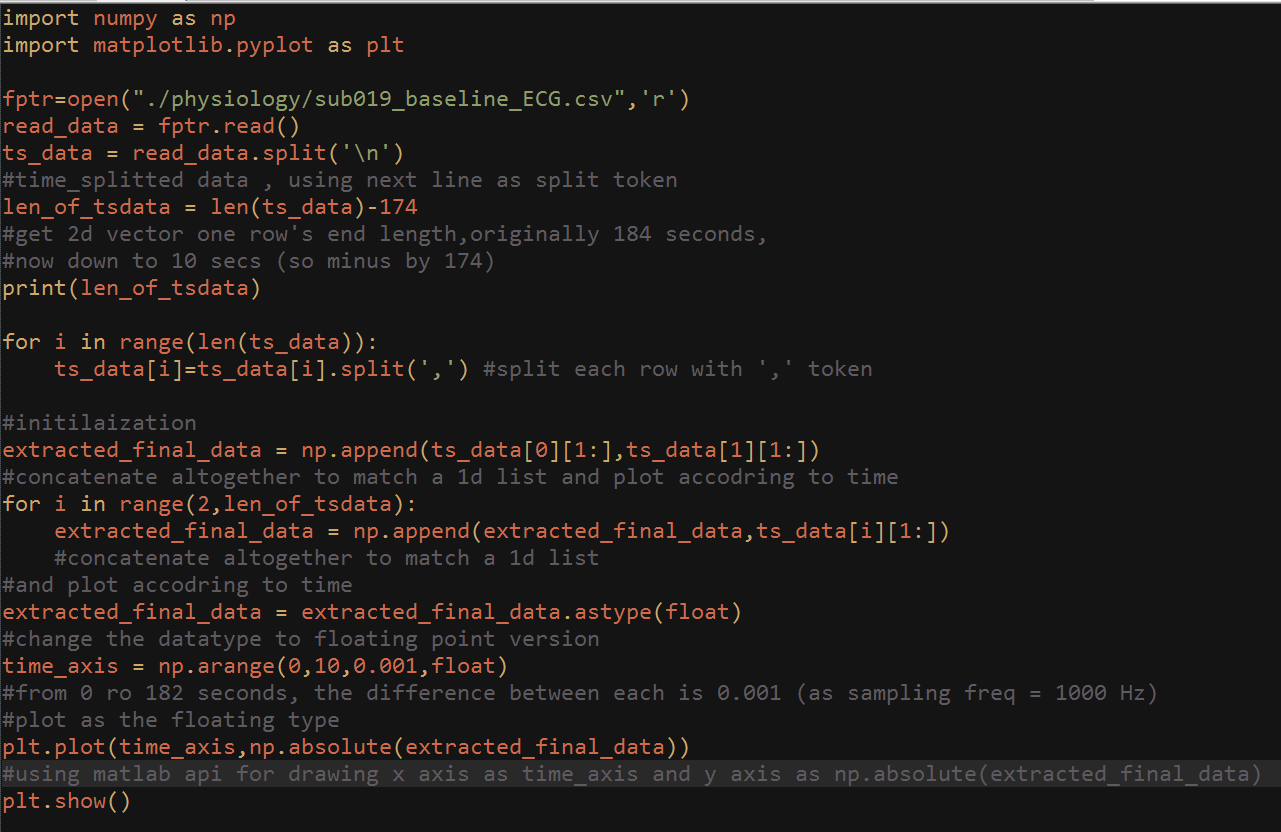
1(d)180sec x:time(sec) y:amplitude



After zoom scale to see PQRST point



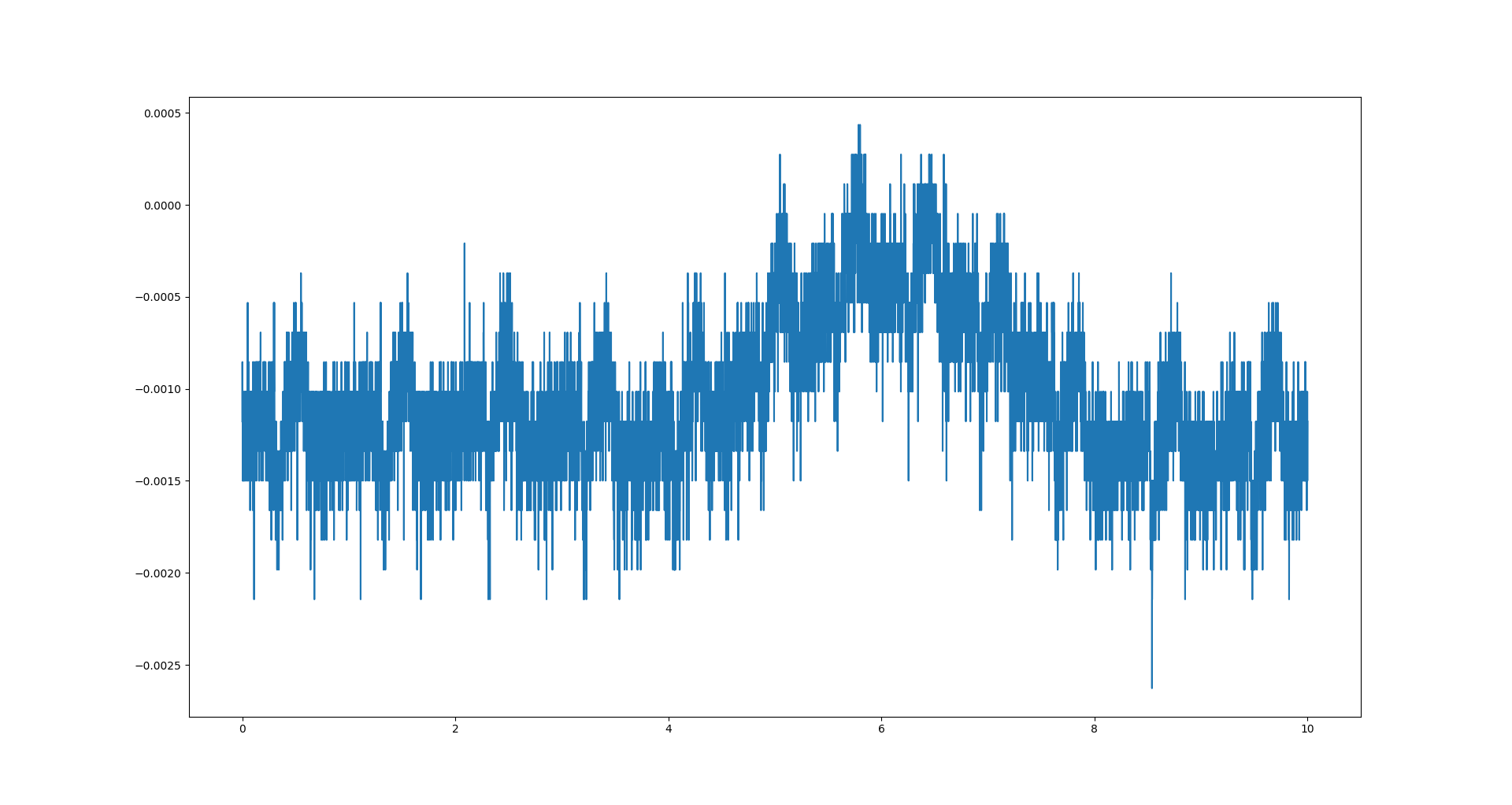
程式架構同剛才1(b)，一樣使用Python搭配numpy函數庫做數理分析以及matplotlib(matlab作圖函數庫)做繪圖，解釋如程式碼中的註解。



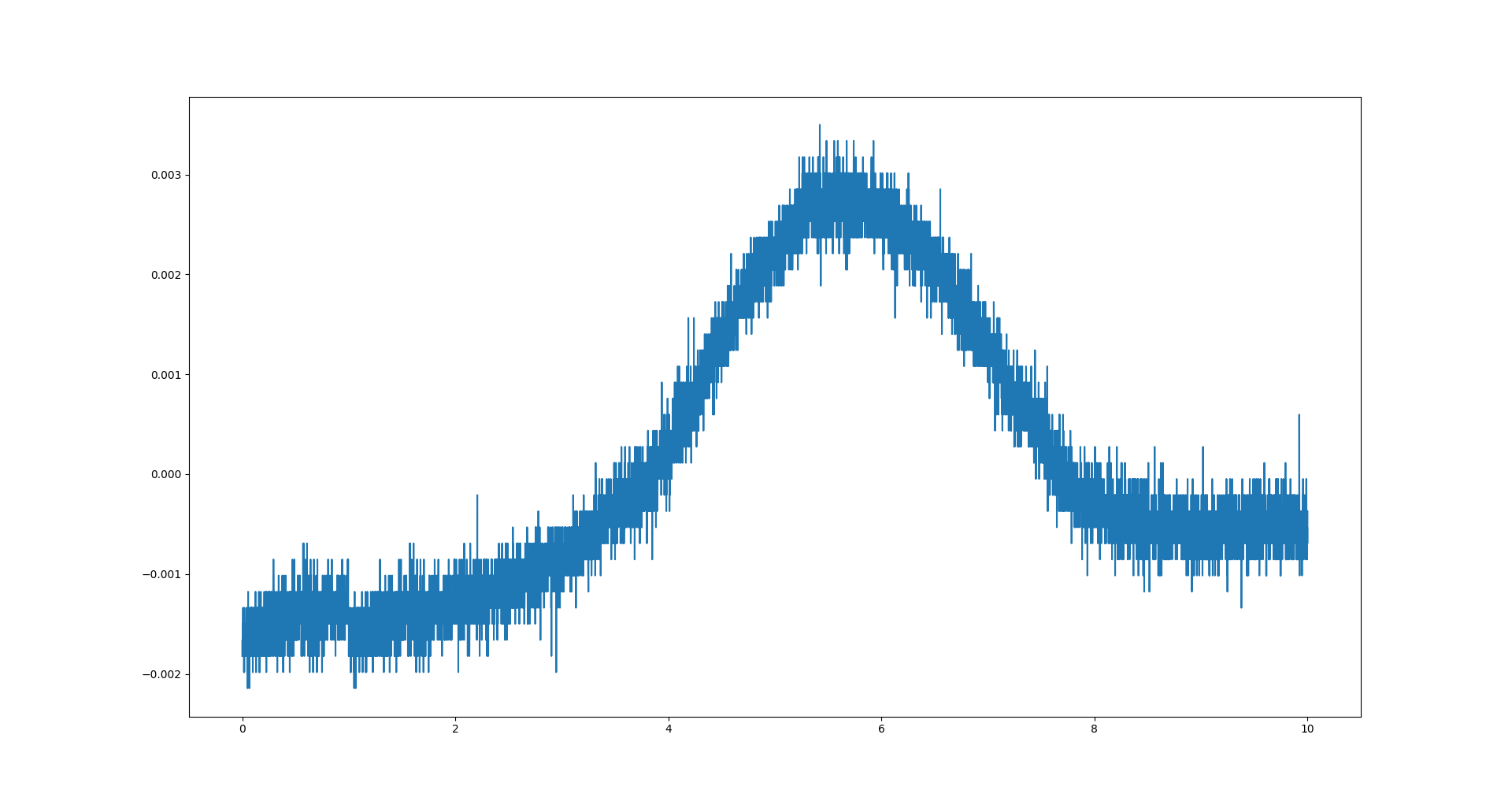
1(e)

2(a) 取樣頻率同為一千，與方才1相同，取十秒的區間來看

胸部 x:time(sec) y:amplitude(>0表示胸部前凸反之亦然)

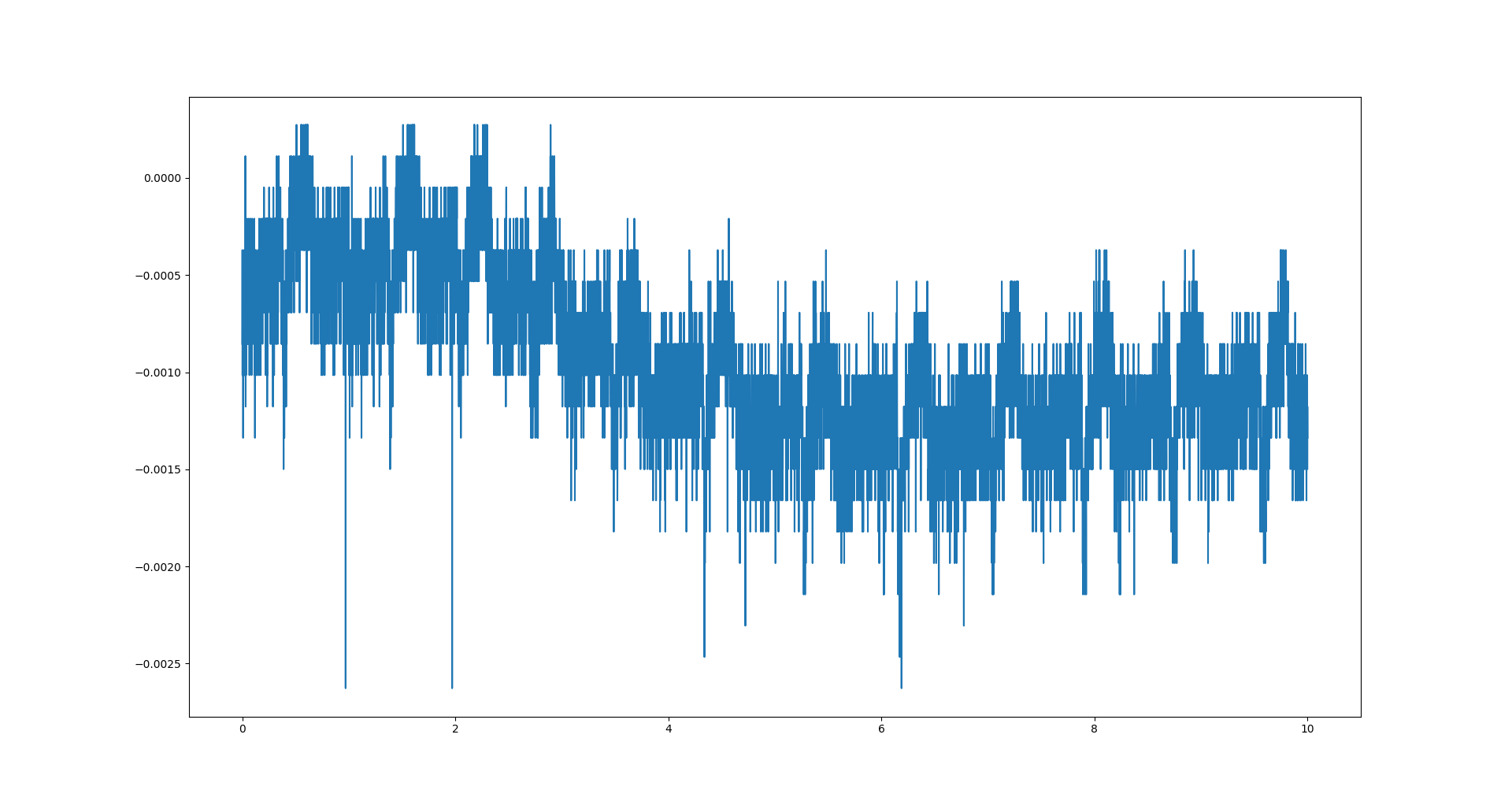


腹部 x:time(sec) y:amplitude(>0表示腹部前凸反之亦然)

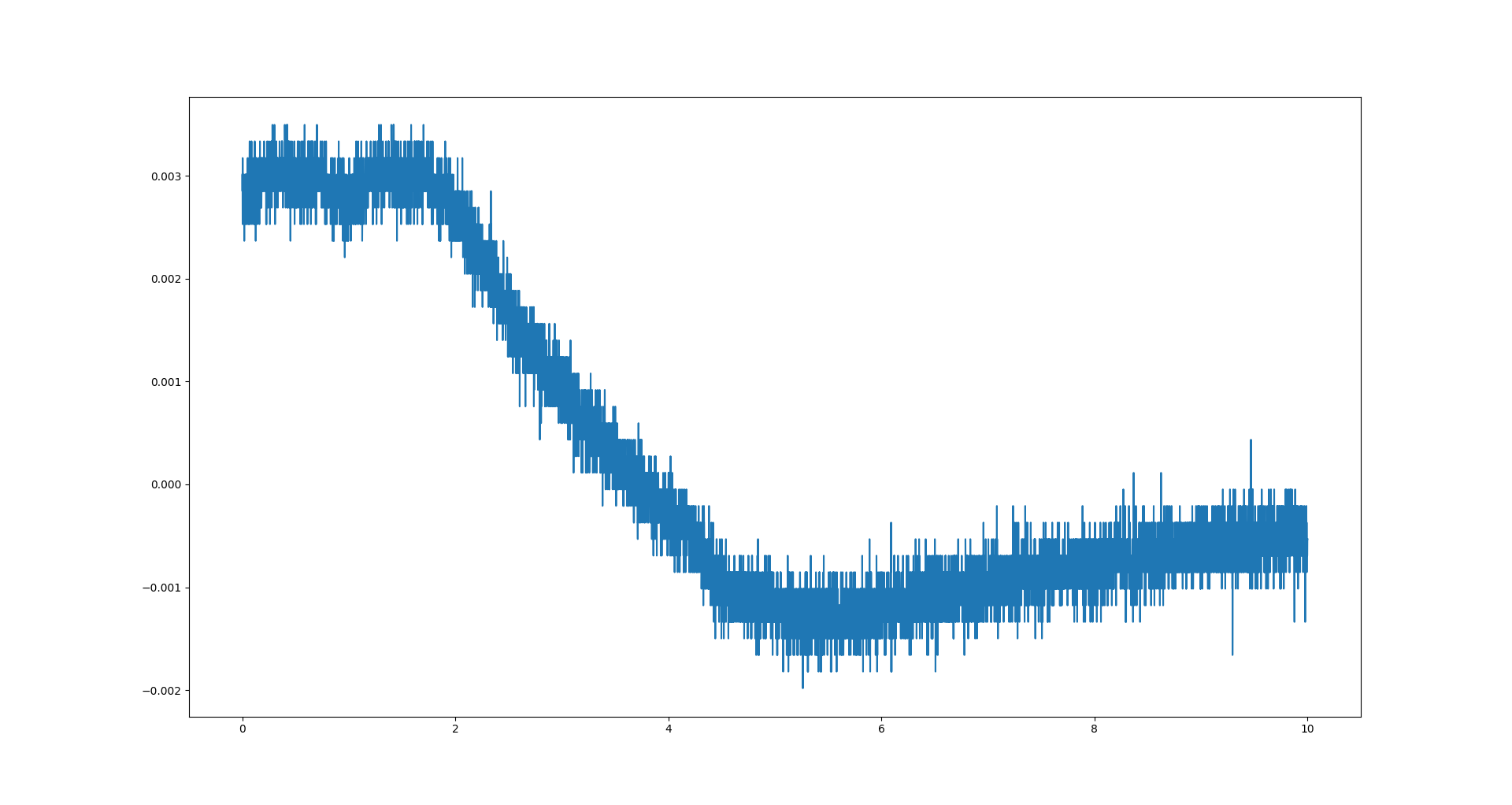


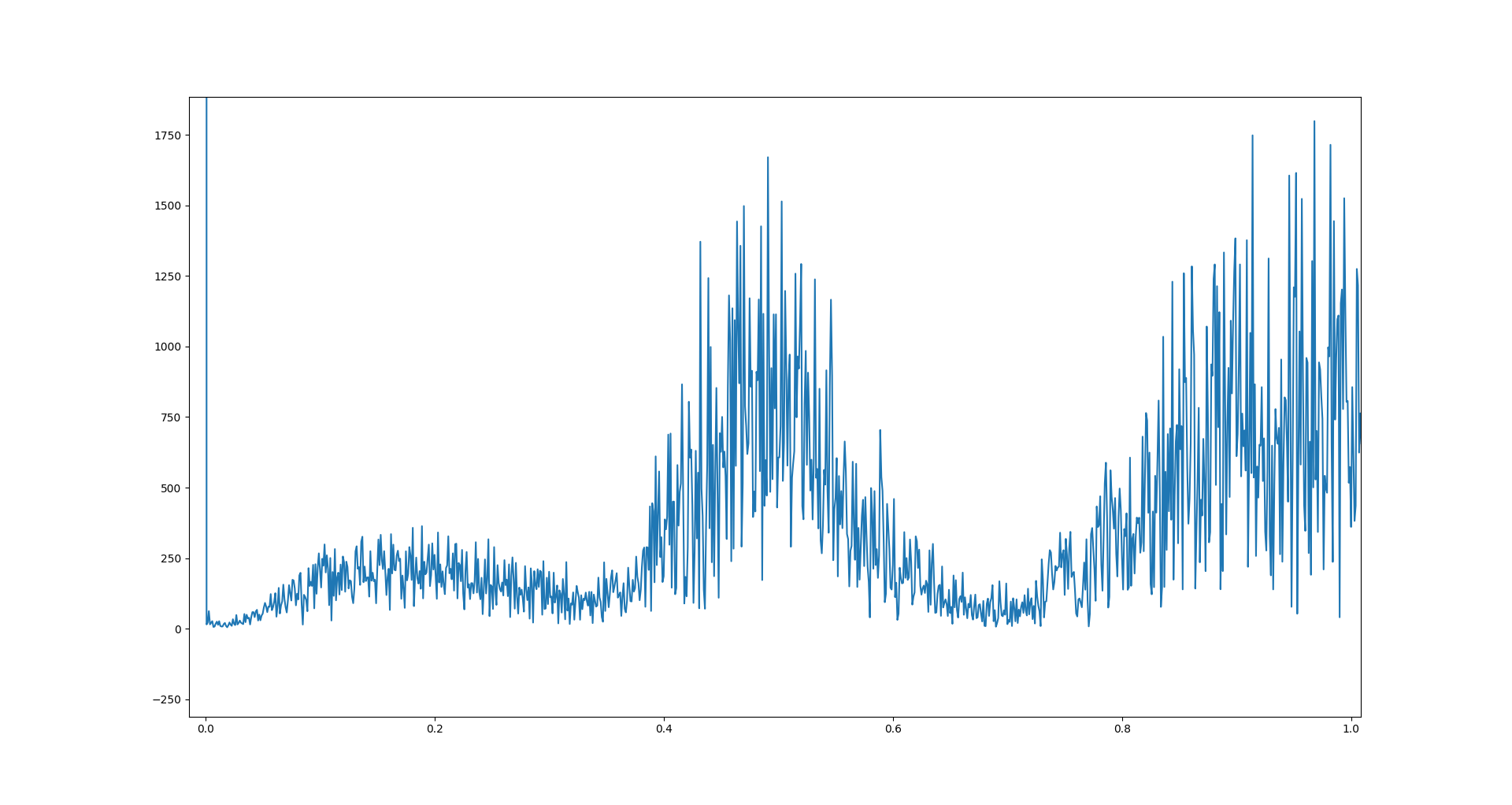
2(b) 取樣頻率同為一千，與方才1相同，取十秒的區間來看

胸部 x:time(sec) y:amplitude(>0表示胸部前凸反之亦然)

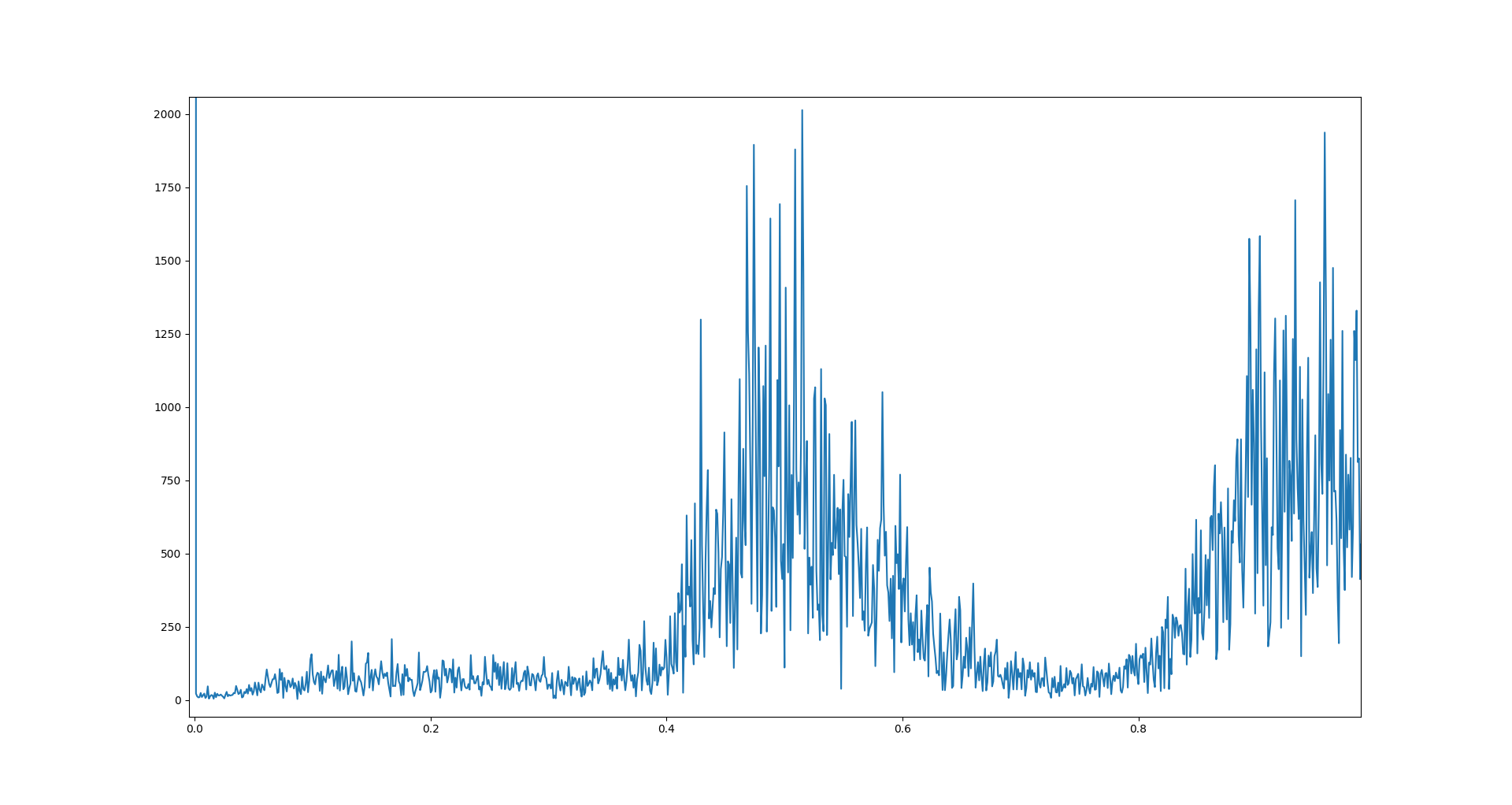


腹部 x:time(sec) y:amplitude(>0表示腹部前凸反之亦然)

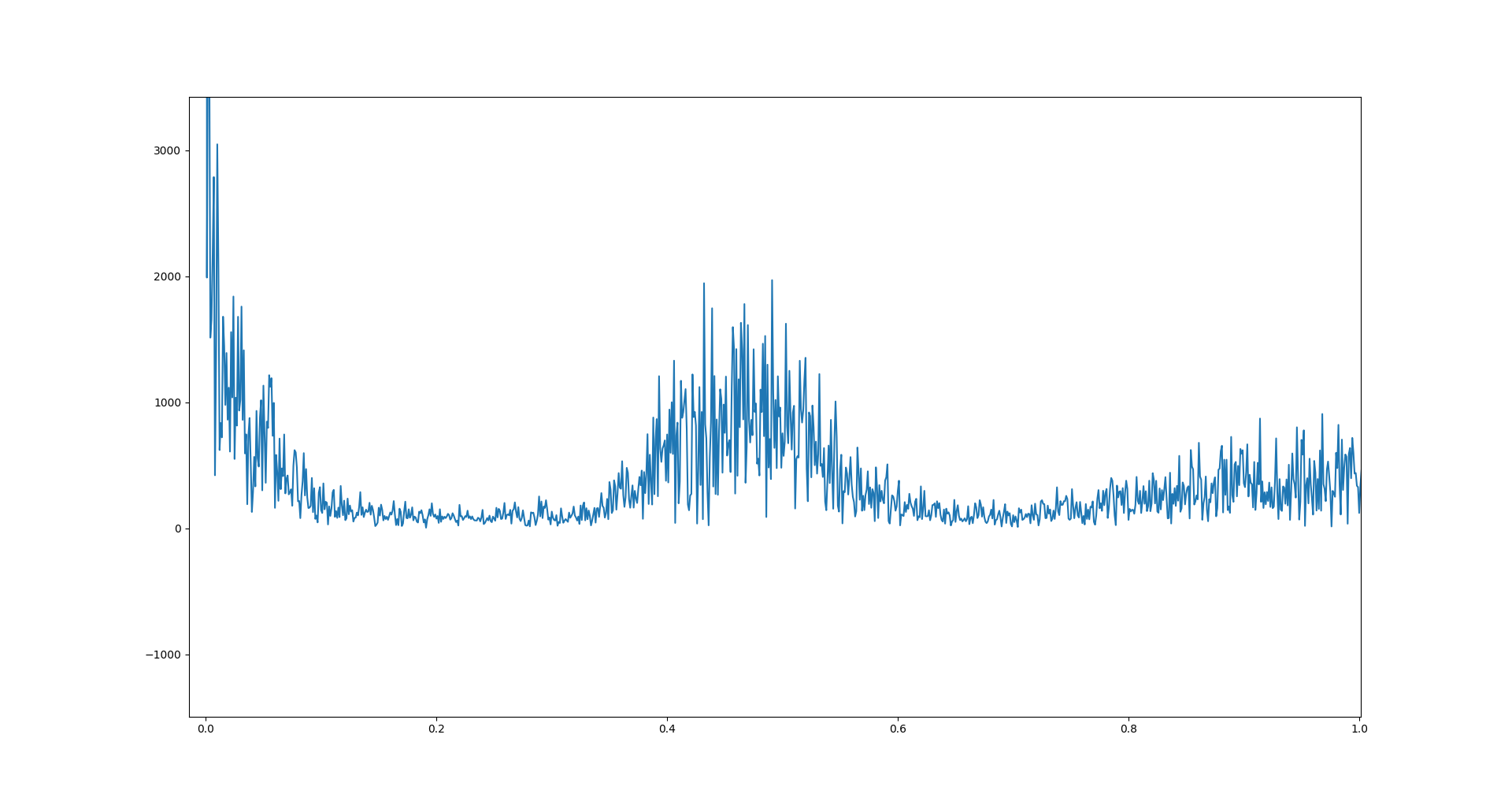


2(c) x:freq(Hz) y:amplitude

2(d) x:freq(Hz) y:amplitude



2(e) x:freq(Hz) y:amplitude



2(f) x:freq(Hz) y:amplitude

