

```

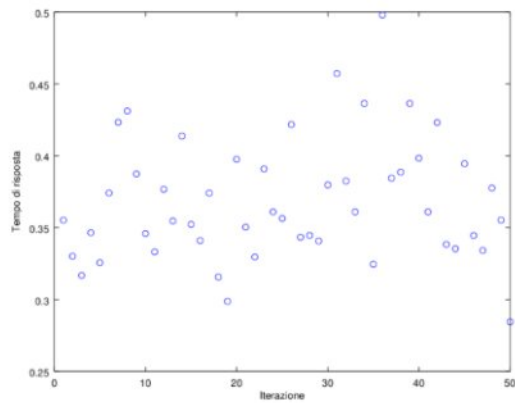
%function [z,y]=riflessi(m,t1,t2)
m = 50
t1 = 1
t2 = 3
y=zeros(1,m); % conterra' i tempi di risposta
z=zeros(1,m); % tempi di ritardo
for i=1:m
    r=rand(1,1);
    t=r*(t2-t1)+t1;
    disp('attenzione')
    fflush(stdout);
    pause(t);
    disp('premi un tasto')
    tic
    pause
    y(i)=toc;
    z(i)=t;
end

```

```

plot(y, 'o'), xlabel('Iterazione'), ylabel('Tempo di risposta')

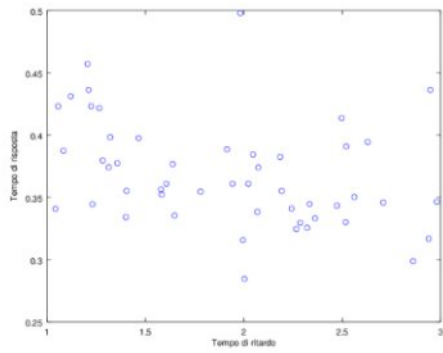
```



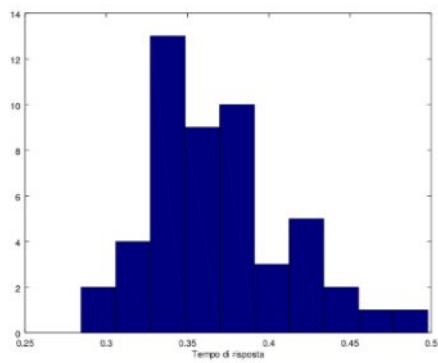
```

plot(z, y, 'o'), xlabel('Tempo di ritardo'), ylabel('Tempo di risposta')

```



figure, hist(y), xlabel('Tempo di risposta')



```
>> P = polyfit(z, y, 1)
```

P =

```
-0.026454  0.419163
```

```
>> y2 = P(1) * z + P(2); figure, plot(z, y, 'o', z, y2, '-')
```

```
>>
```

