

[illegible]

```
GraficaCercha(x,y,S1)
title('spline sujeto')
xlabel(' dS(a)=0.2   y   dS(b)=-1  ')
grid on
subplot(2,3,2)
GraficaCercha(x,y,S2)
title('spline natural')
grid on
subplot(2,3,3)
GraficaCercha(x,y,S3)
title('spline csextrapolado')
grid on
subplot(2,3,4)
GraficaCercha(x,y,S4)
title('spline csconstante')
grid on
subplot(2,3,5)
GraficaCercha(x,y,S5)
title('spline csconocido')
xlabel(' ddS(a)=-0.3   y   ddS(b)=3.3  ')
grid on
subplot(2,3,6)
plot(x,y,'or',xx,yy,'b'),
ylim([0 2.5])
title('opción pchip de matlab')
grid on
```

S1 =

0.4800	-0.1800	0.2000	0
-1.0400	1.2600	1.2800	0.5000
0.6800	-1.8600	0.6800	2.0000

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

S2 =

0.4000	0	0.1000	0
-1.0000	1.2000	1.3000	0.5000
0.6000	-1.8000	0.7000	2.0000

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

S3 =

-0.5000	2.0000	-1.0000	0
-0.5000	0.5000	1.5000	0.5000
-0.5000	-1.0000	1.0000	2.0000

S4 =

0	0.8750	-0.3750	0
-0.7500	0.8750	1.3750	0.5000
0	-1.3750	0.8750	2.0000
%%%%%%%%%%			

S5 =

0.3467	0.1000	0.0533	0
-0.9333	1.1400	1.2933	0.5000
0.3867	-1.6600	0.7733	2.0000

