

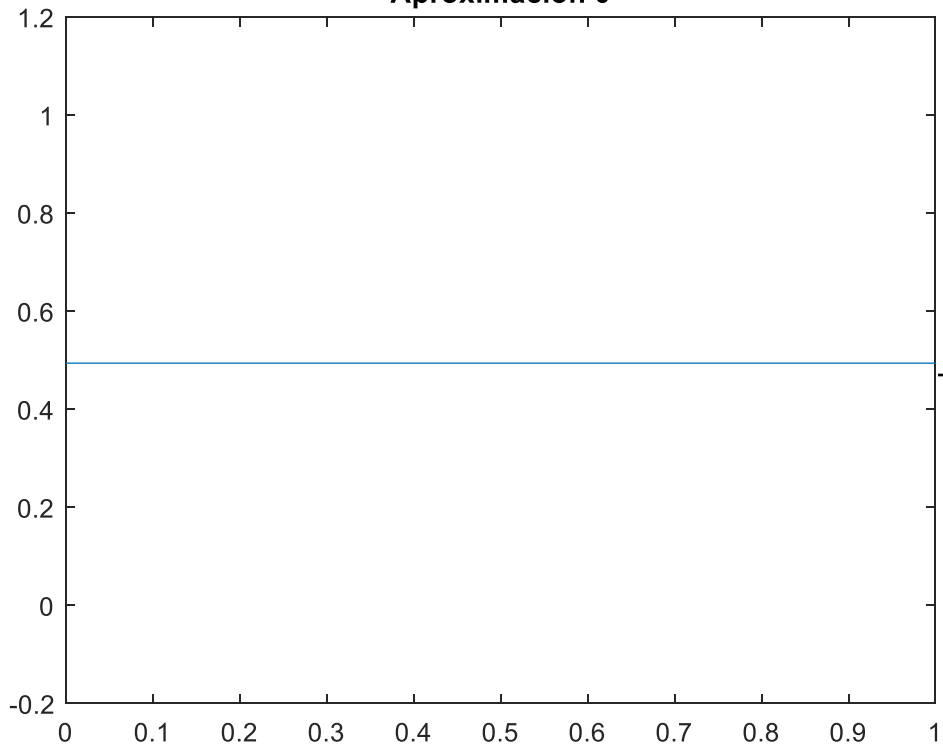
Secuencia de aproximaciones sucesivas en espacios anidados con nuevos detalles ortogonales, pero sin información temporal contenida en los detalles ortogonales

```

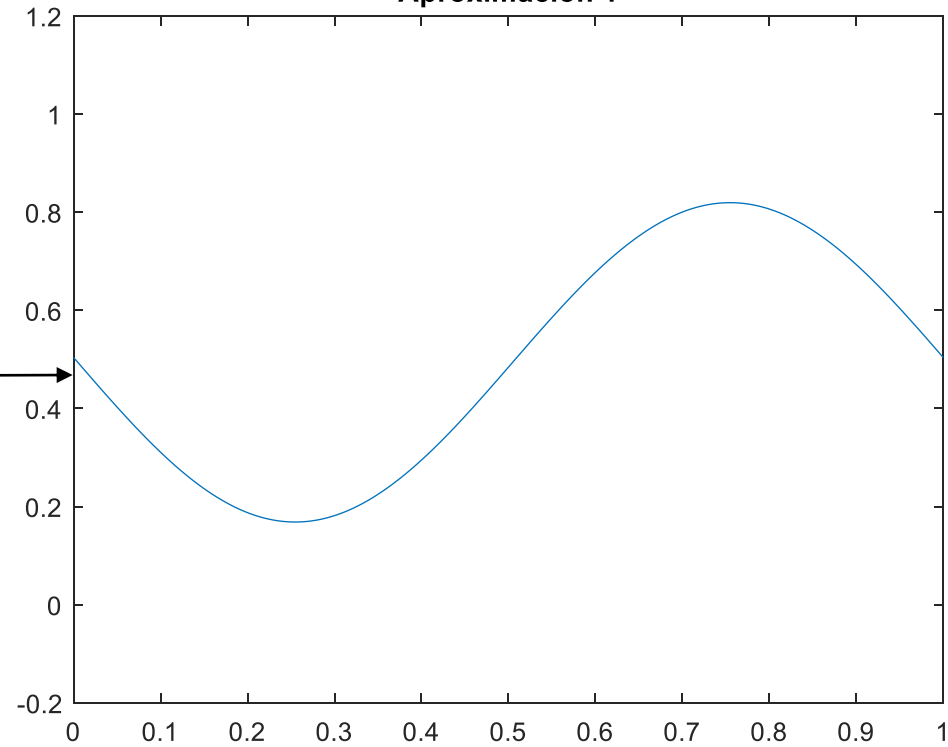
dt = 0.0002;
t = (0:dt:1)';
x = t.*(1-(t>0.385).*(t<0.415)/2);
figure(1)
plot(t,x)
a = zeros(size(t));
for k=0:10
    phi = cos(2*pi*k*t);
    phi_phi = sum(phi.*phi*dt);
    x_phi = sum(x.*phi*dt);
    d = (x_phi/phi_phi)*phi;
    if k>0
        phi = sin(2*pi*k*t);
        phi_phi = sum(phi.*phi*dt);
        x_phi = sum(x.*phi*dt);
        d1 = (x_phi/phi_phi)*phi;
        d = d + d1;
    end
    a = a + d;
    figure(2*k+2)
    plot(t,a); title(['Aproximación ' num2str(k)])
    axis([0 1 -0.2 1.2])
    figure(2*k+3)
    plot(t,d); title(['Detalle ' num2str(k)])
    axis([0 1 -0.5 0.5])
end
figure(2*k+4)
plot(t,[x a]); title('Hasta la aproximación 10')

```

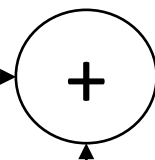
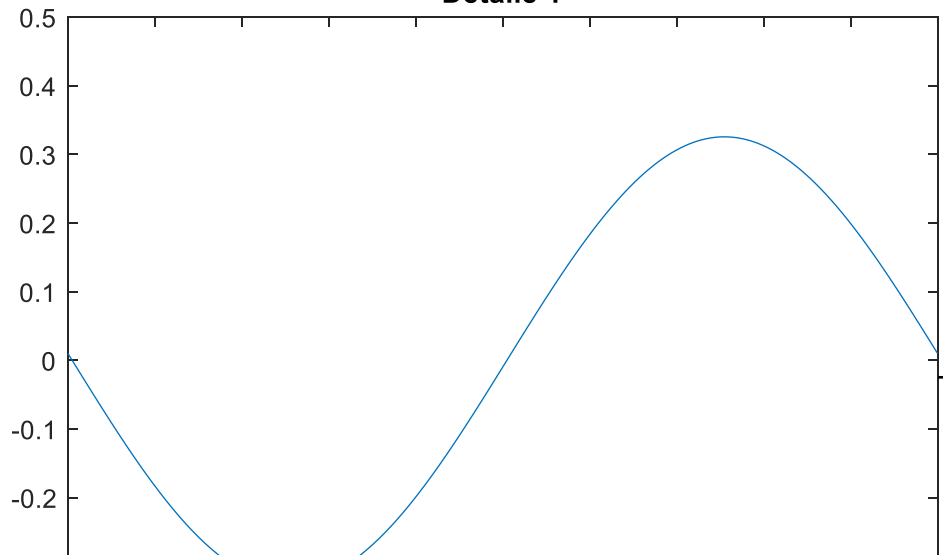
Aproximación 0



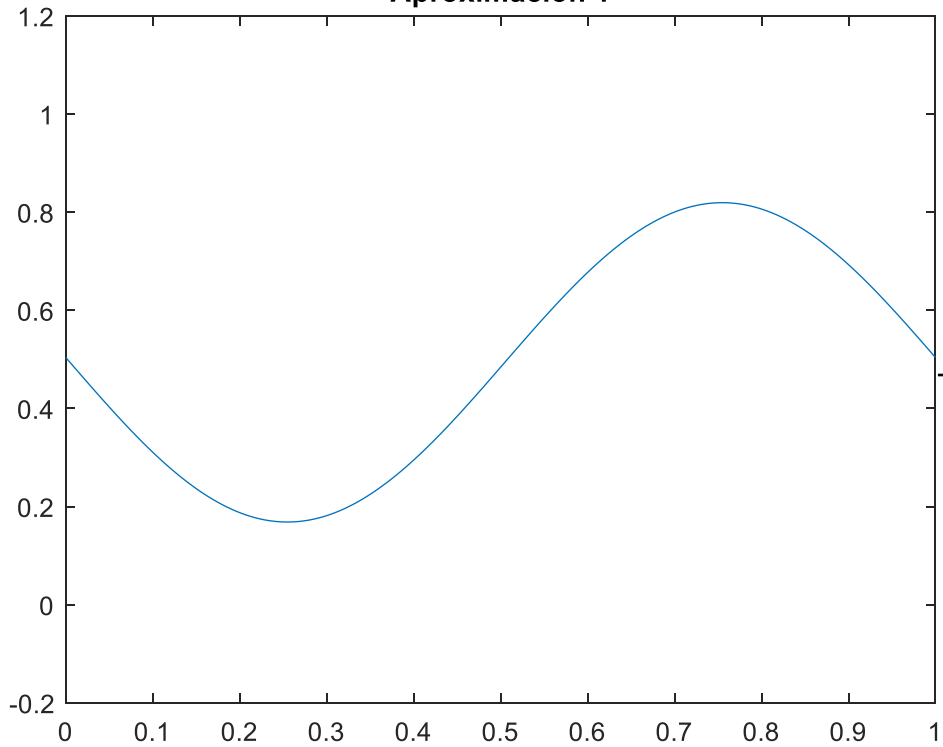
Aproximación 1



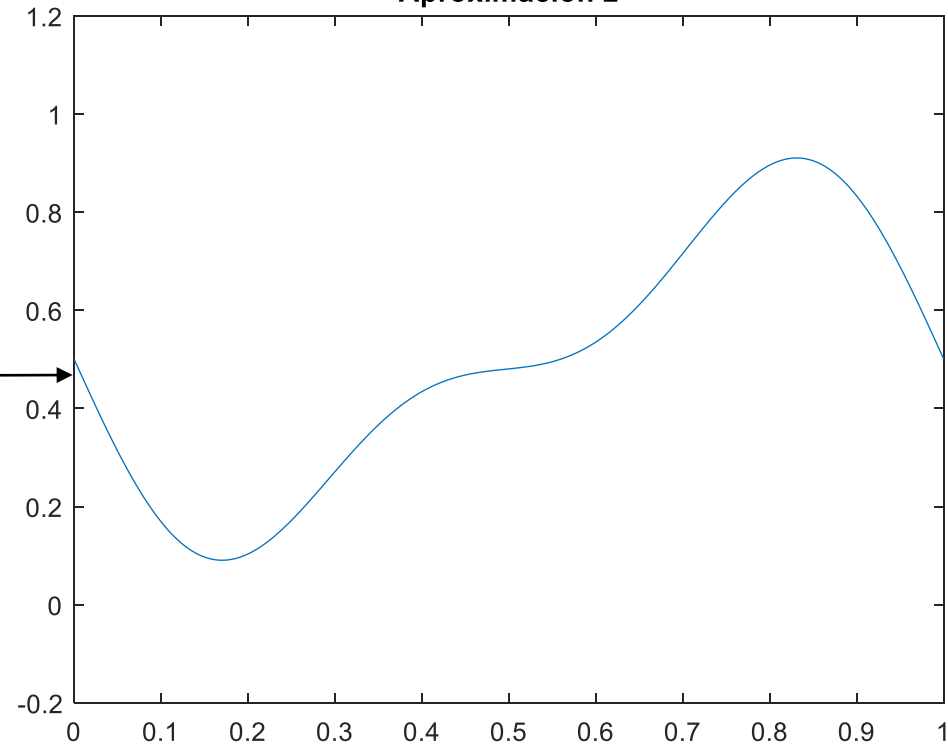
Detalle 1



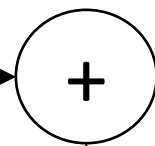
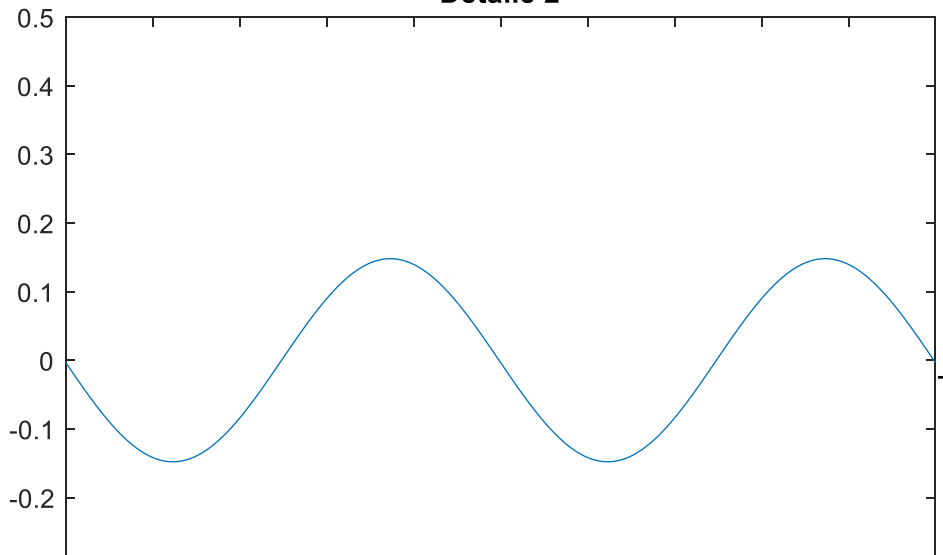
Aproximación 1



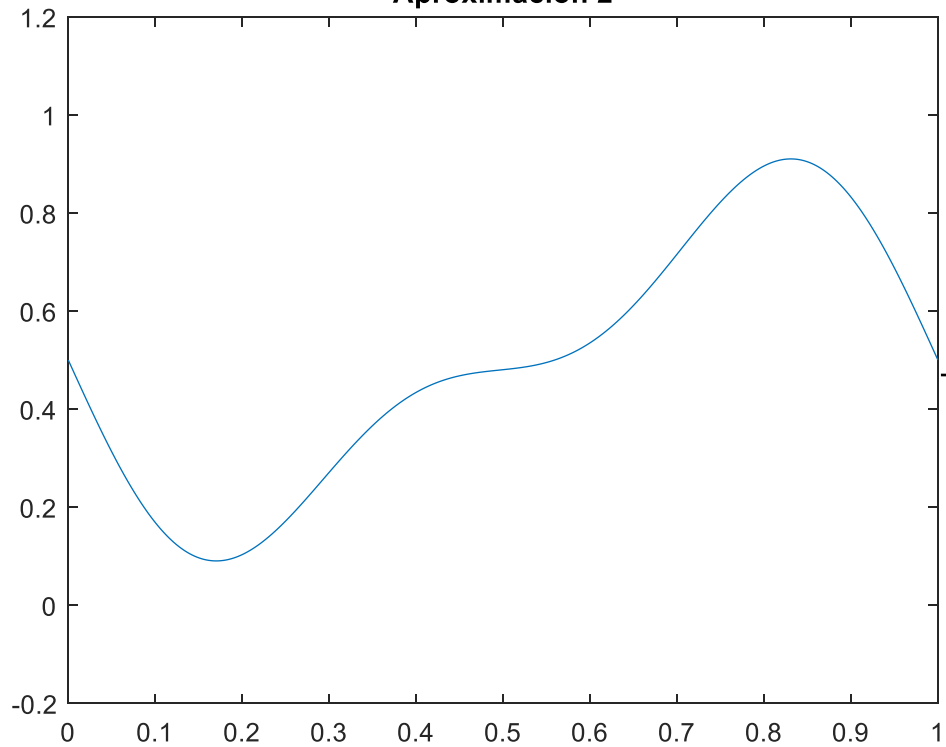
Aproximación 2



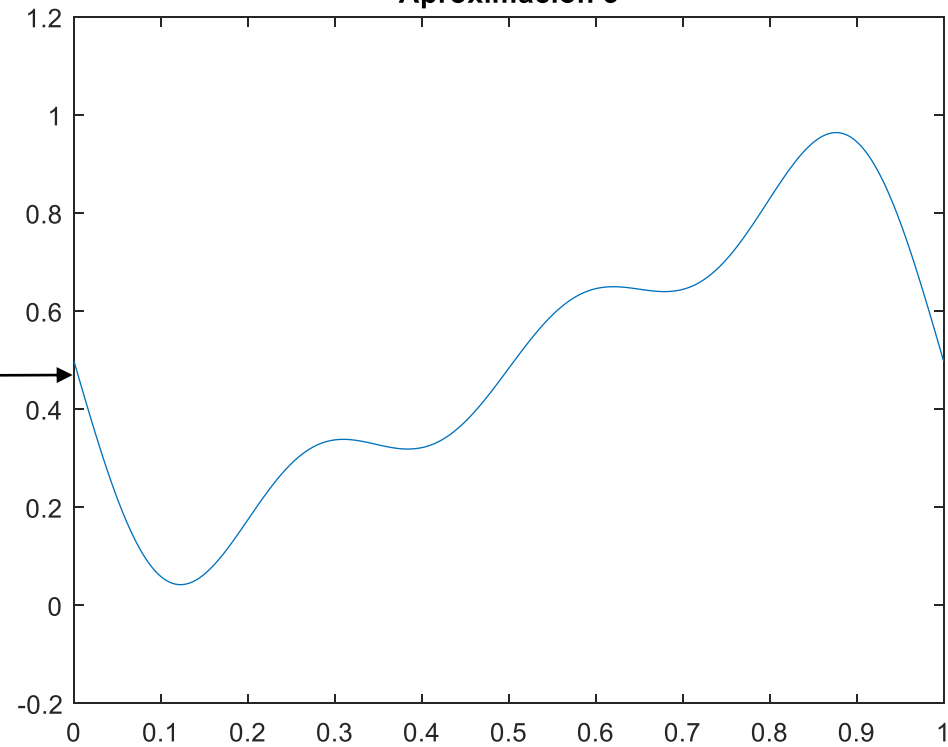
Detalle 2



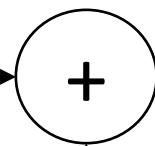
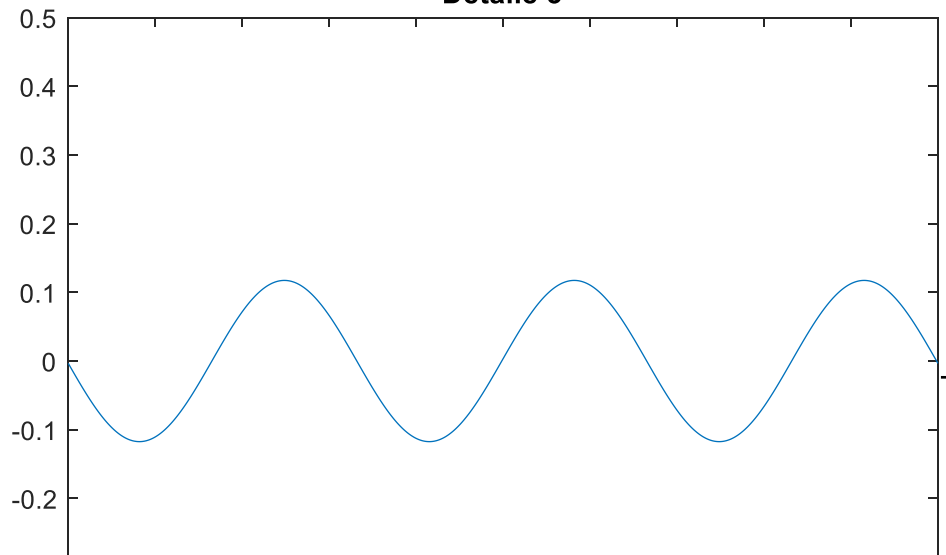
Aproximación 2



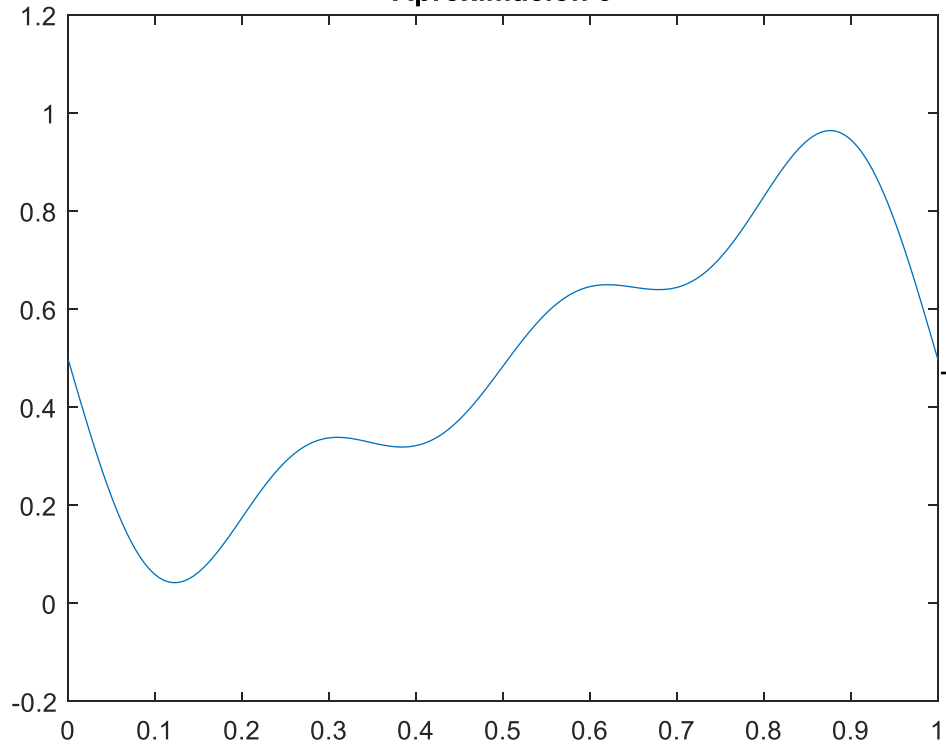
Aproximación 3



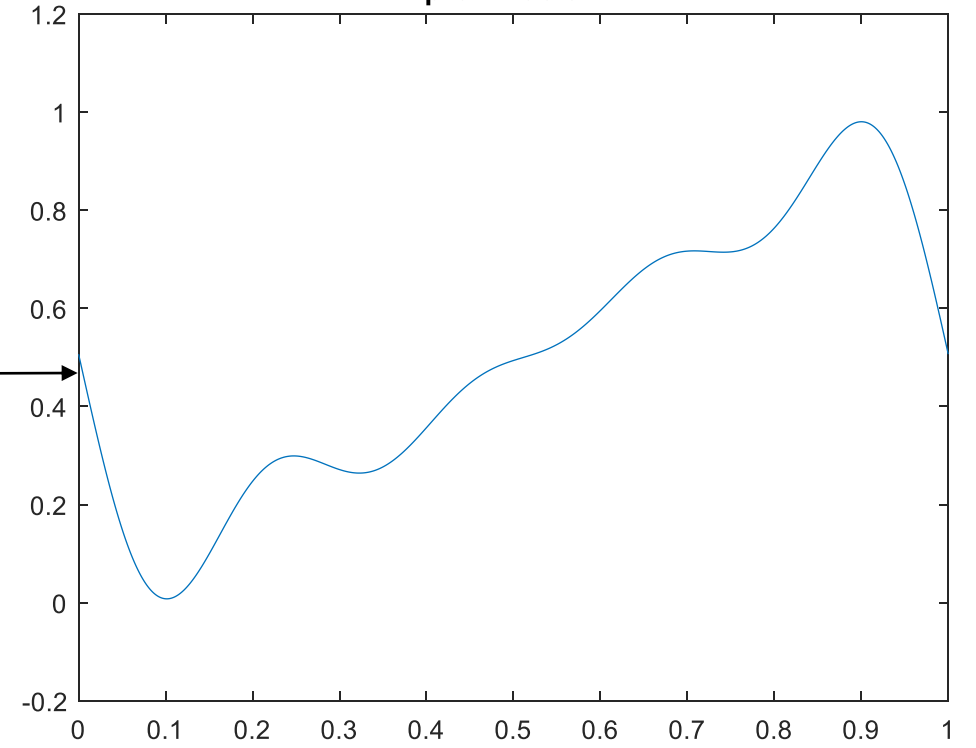
Detalle 3



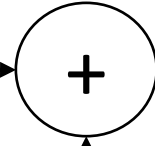
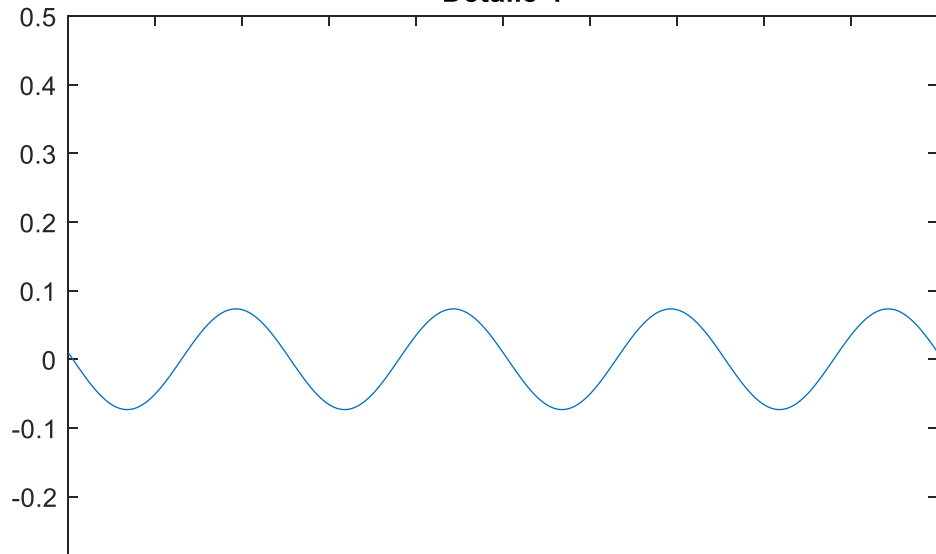
Aproximación 3



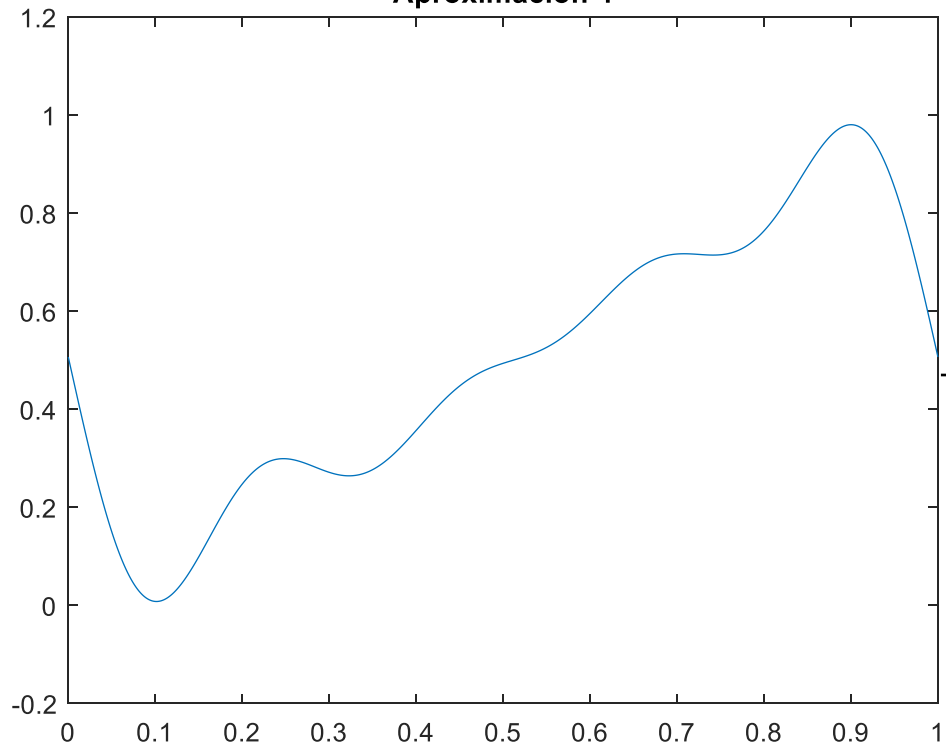
Aproximación 4



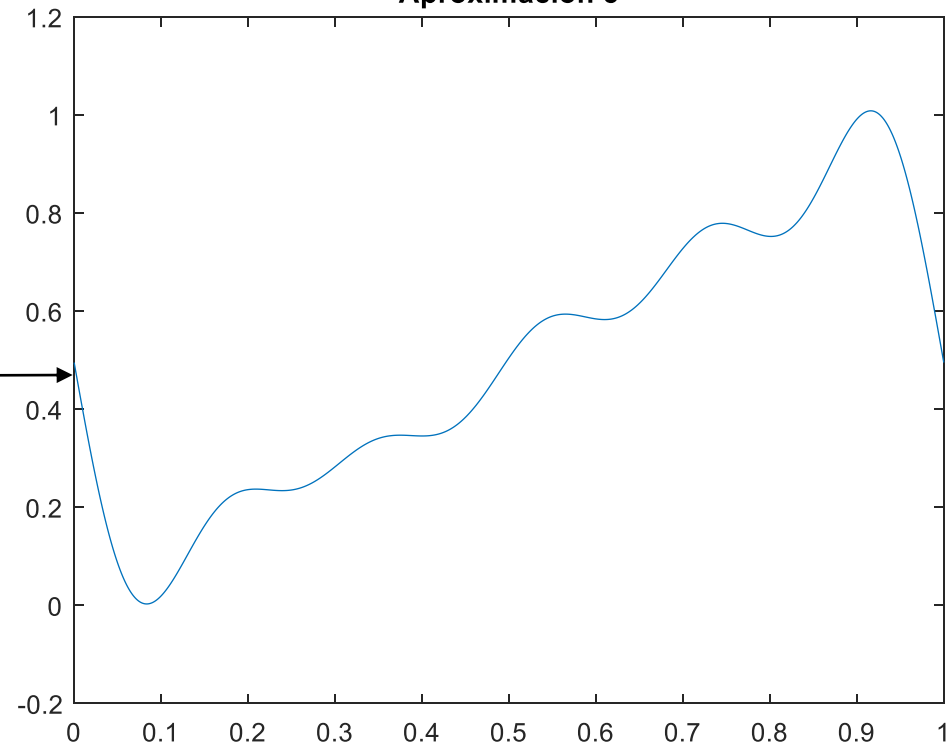
Detalle 4



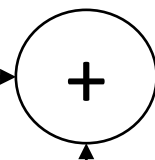
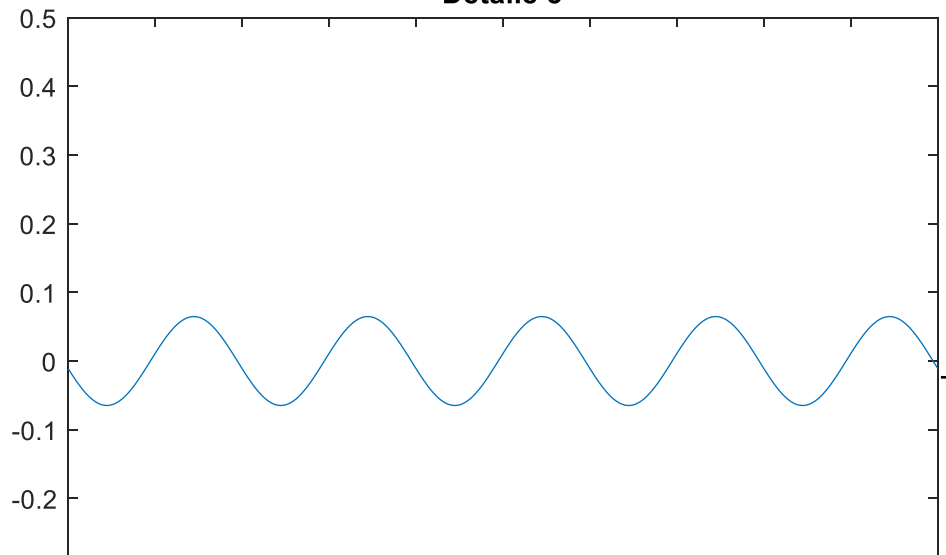
Aproximación 4



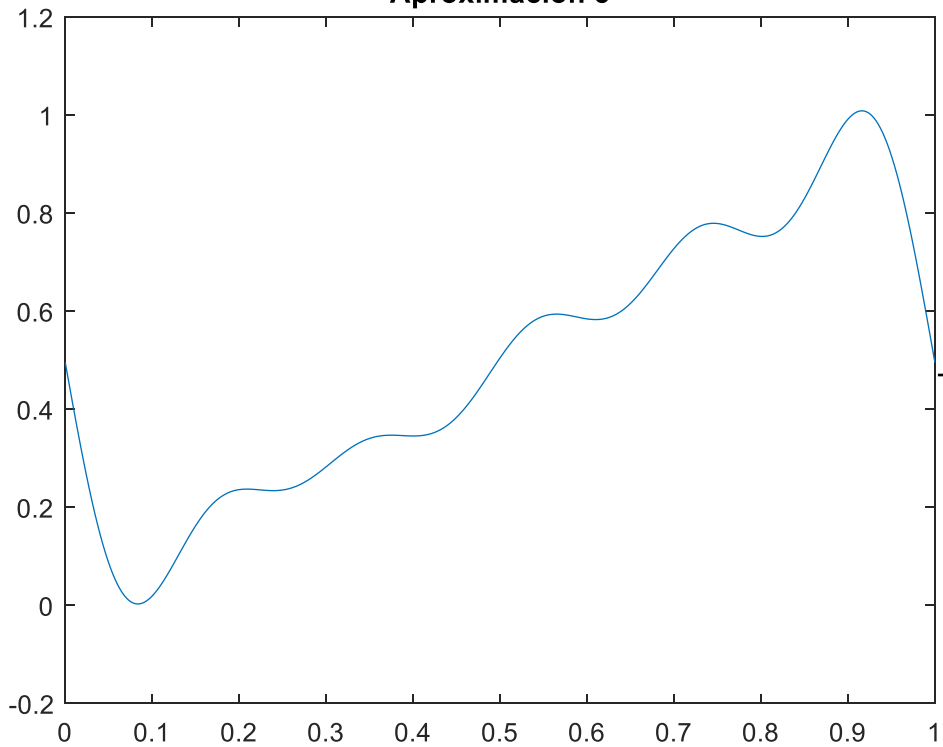
Aproximación 5



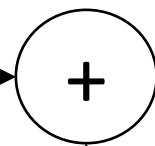
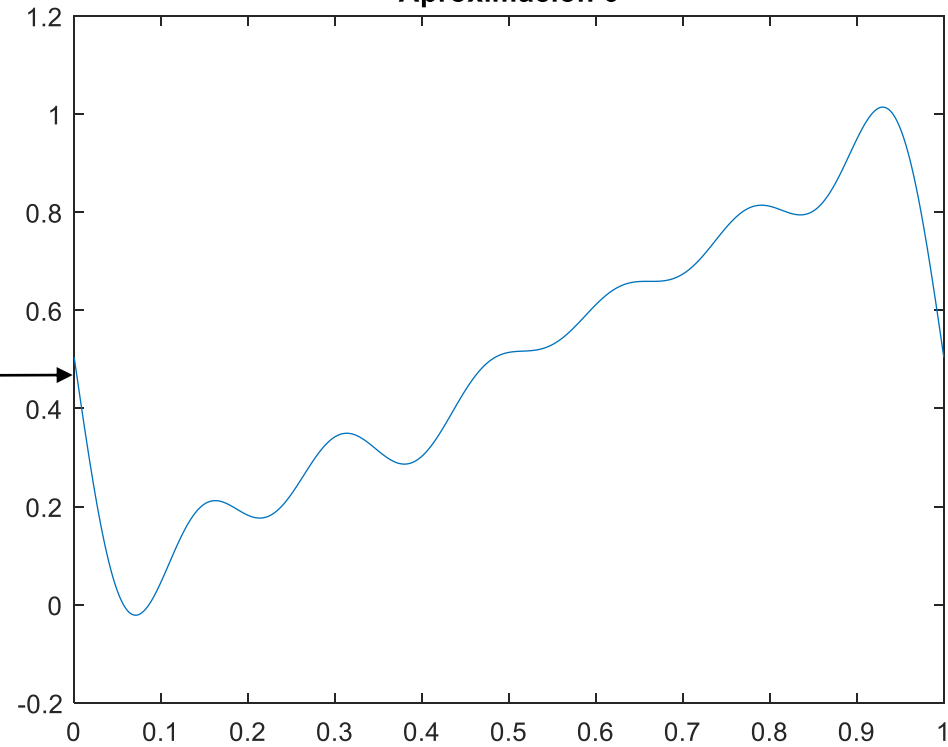
Detalle 5



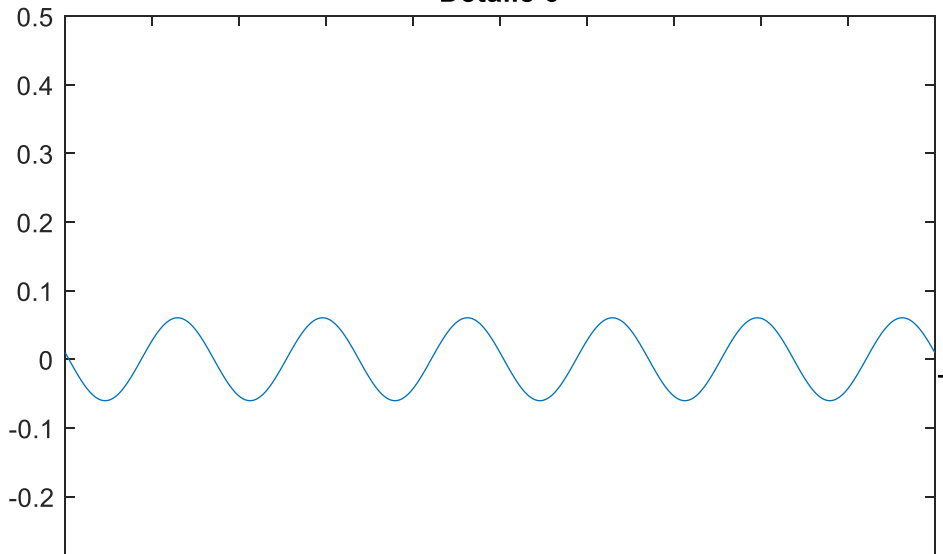
Aproximación 5



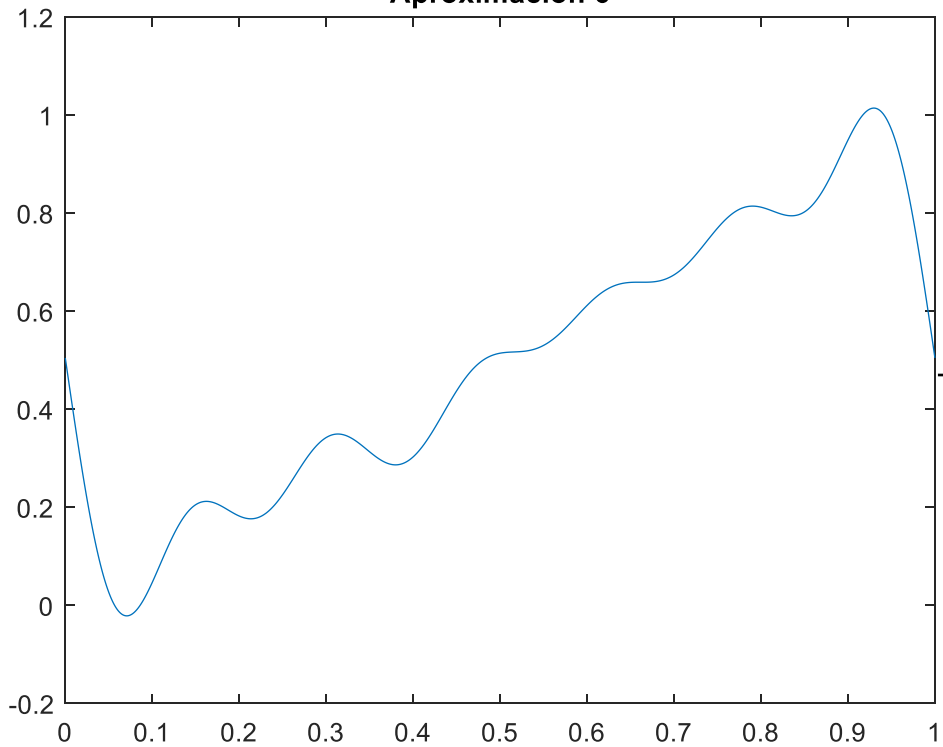
Aproximación 6



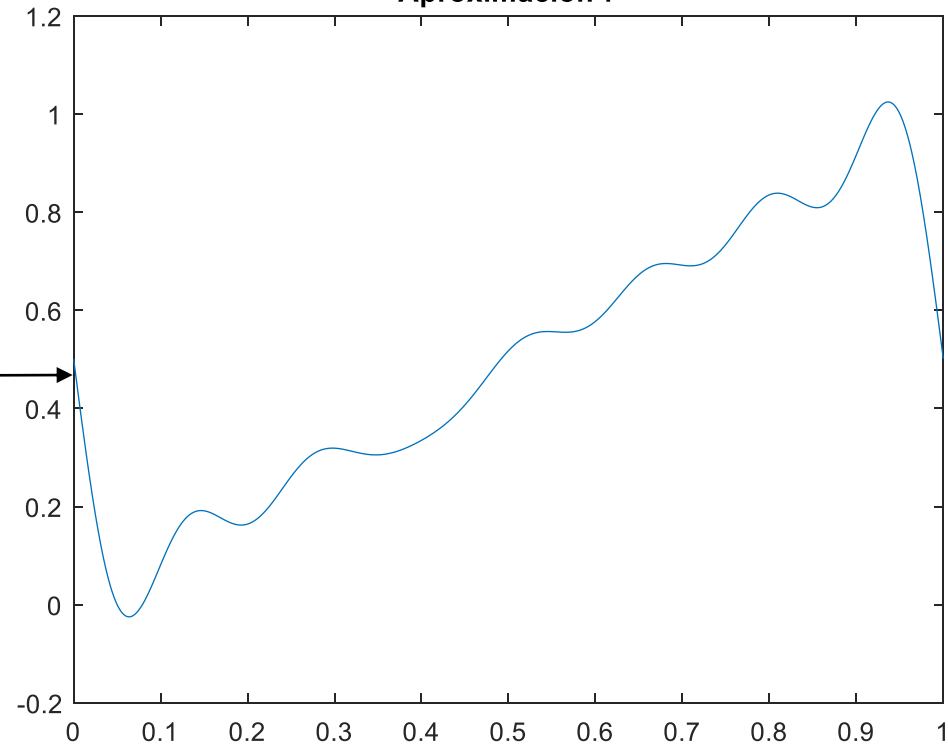
Detalle 6



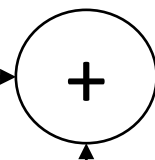
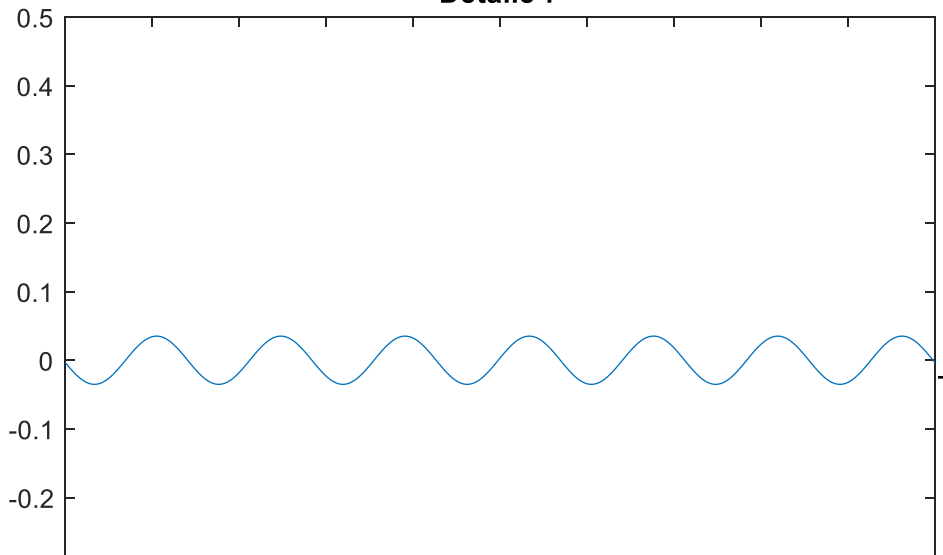
Aproximación 6



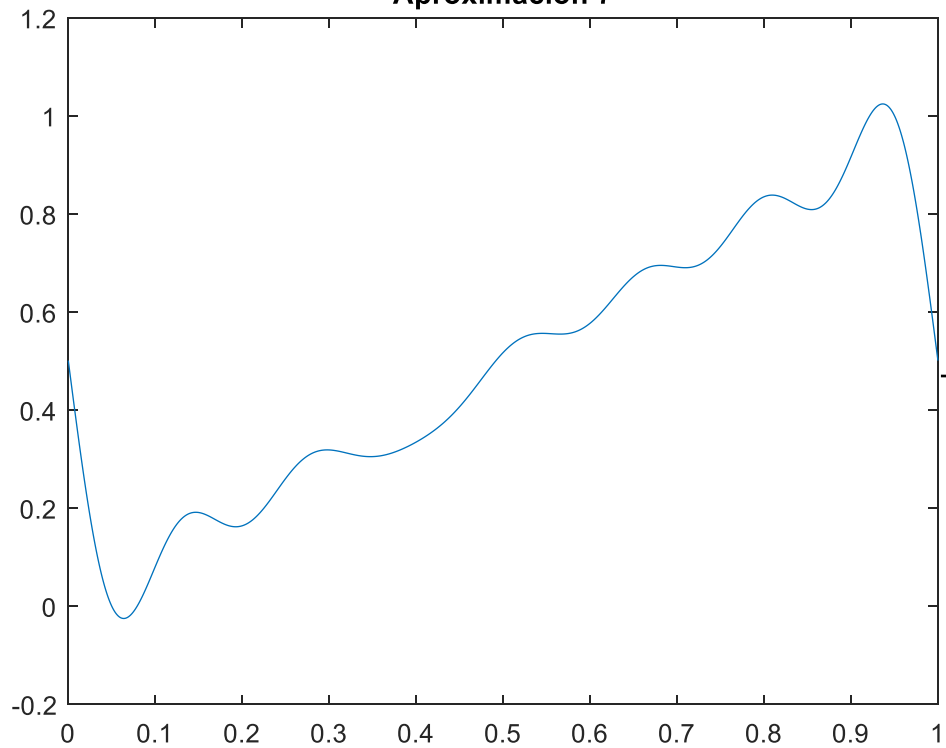
Aproximación 7



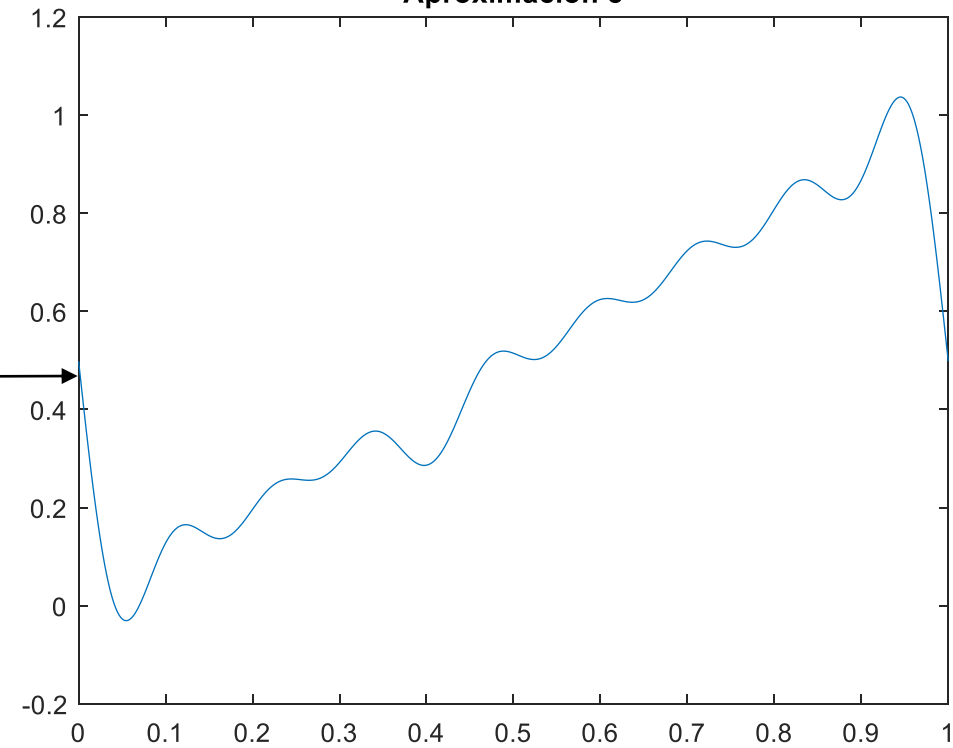
Detalle 7



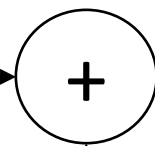
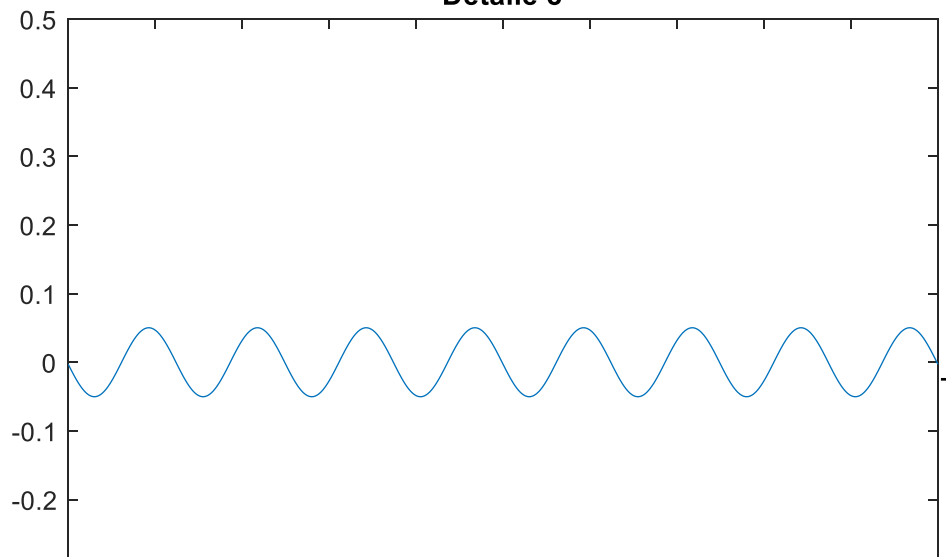
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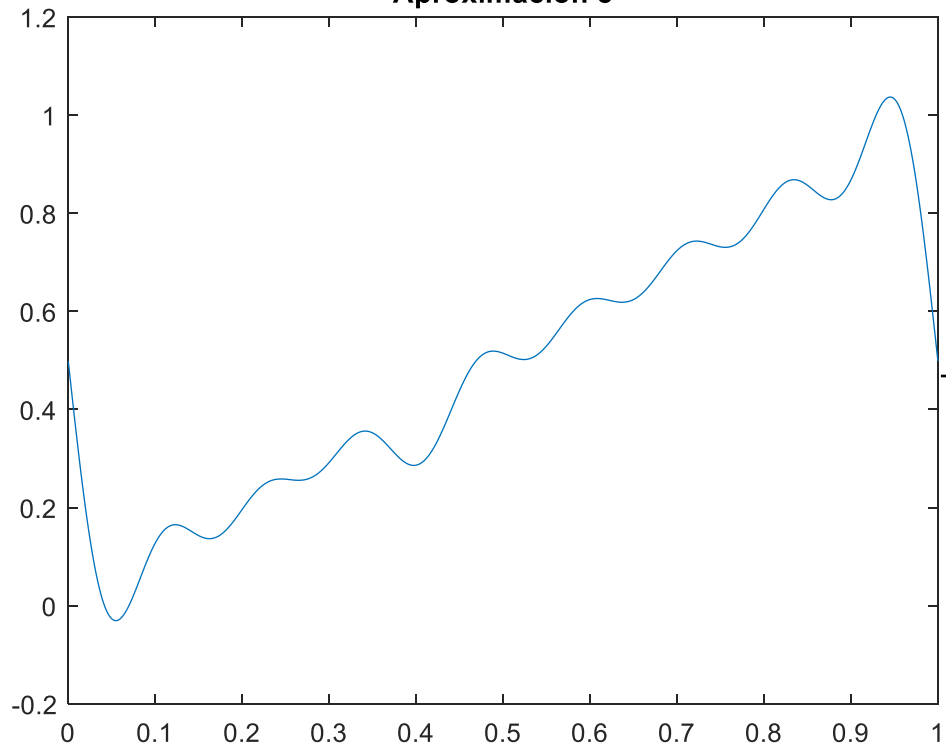
Aproximación 8



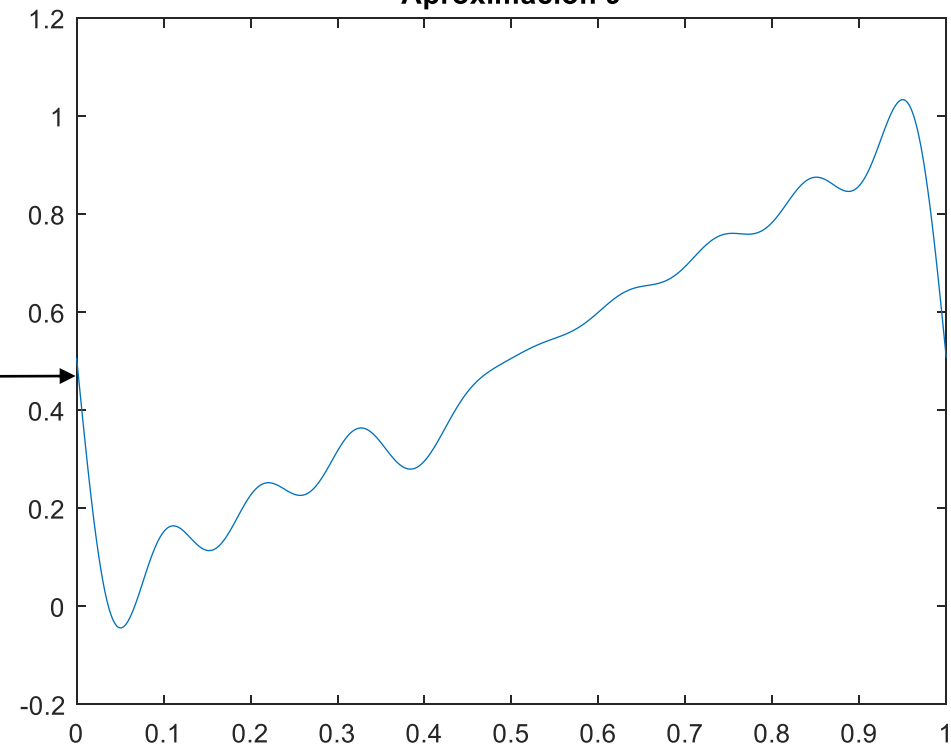
Detalle 8



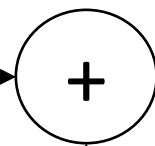
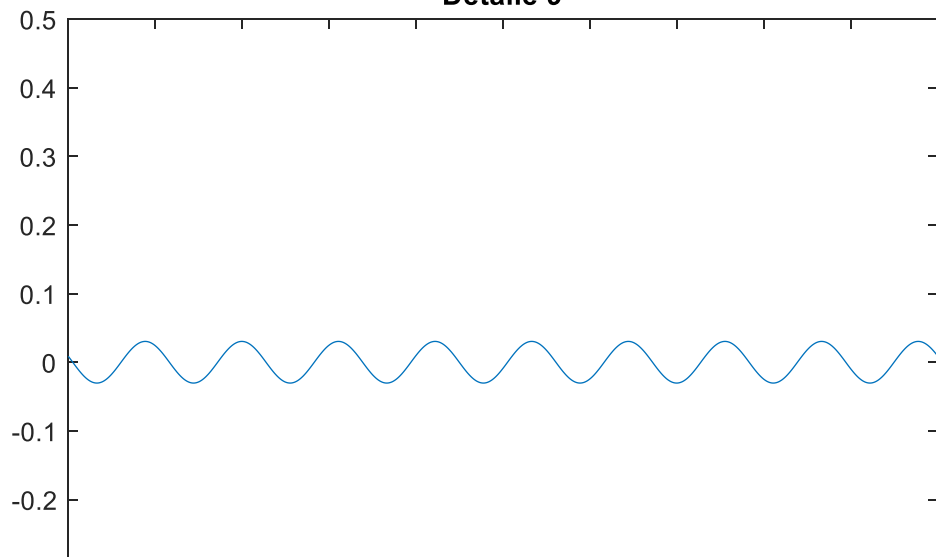
Aproximación 8



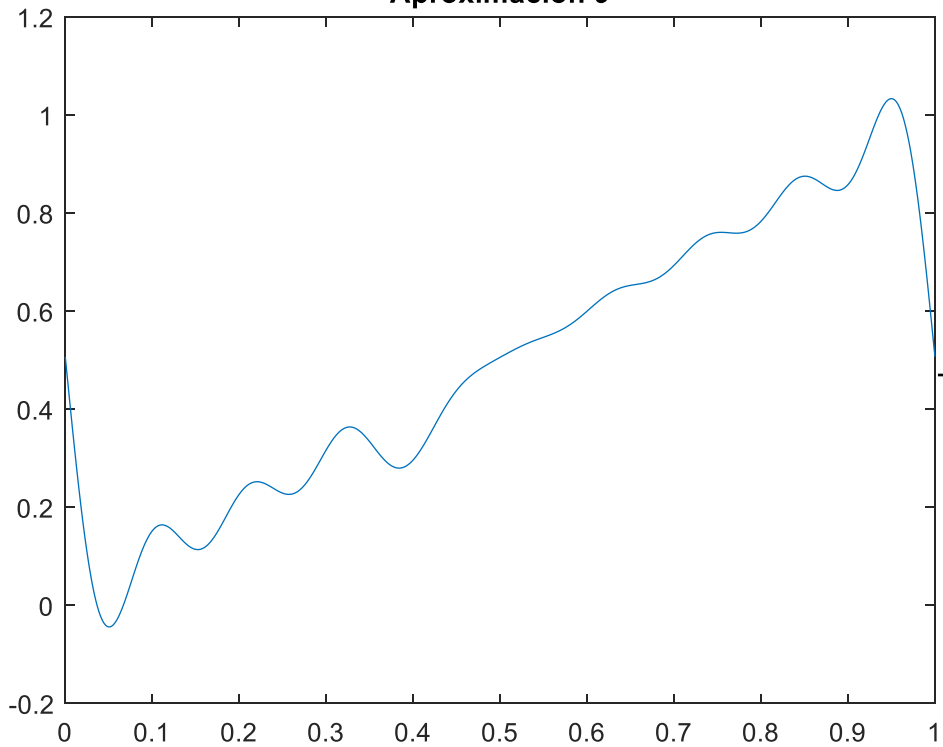
Aproximación 9



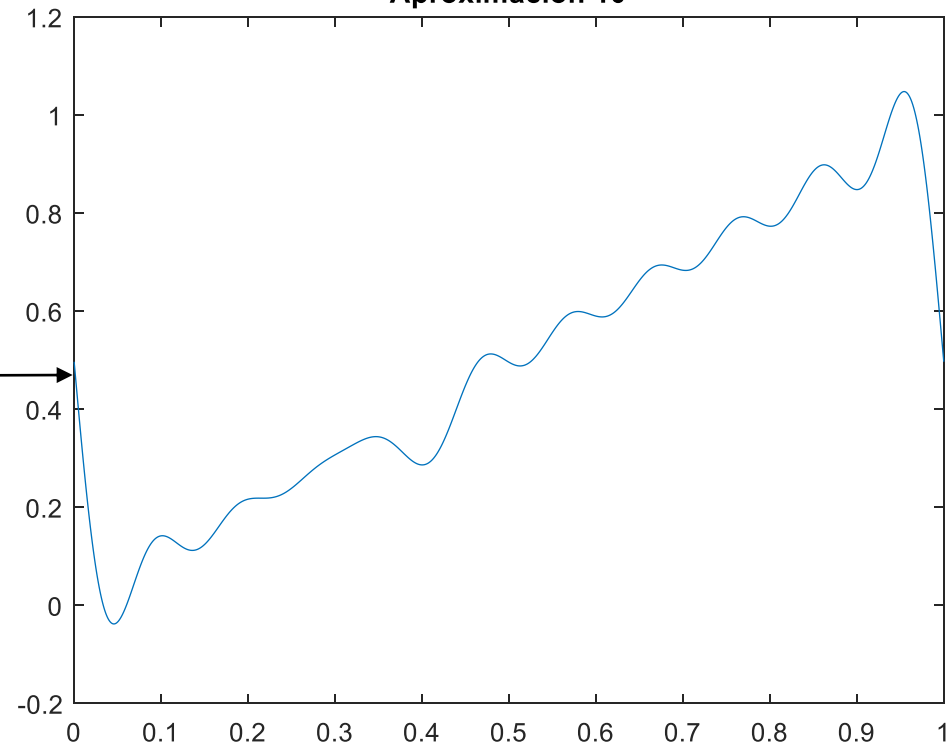
Detalle 9



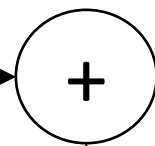
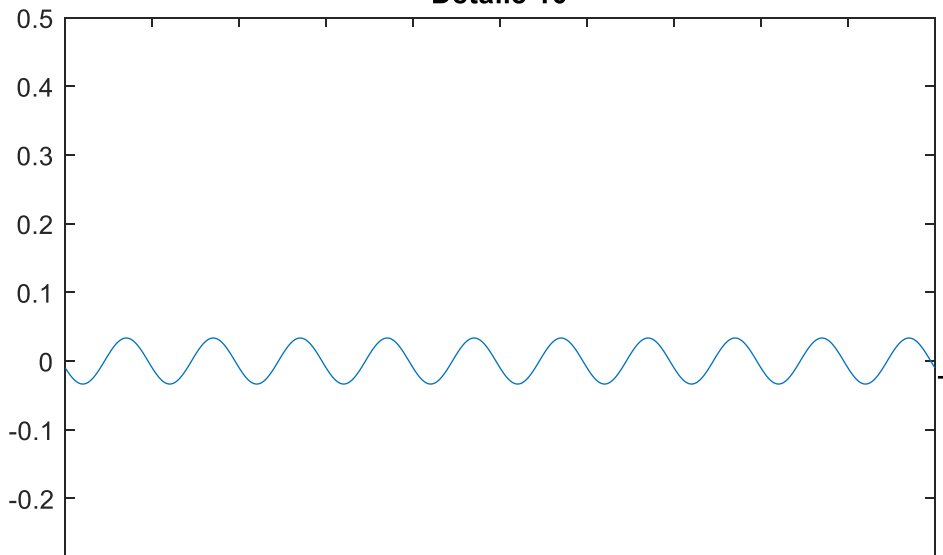
Aproximación 9



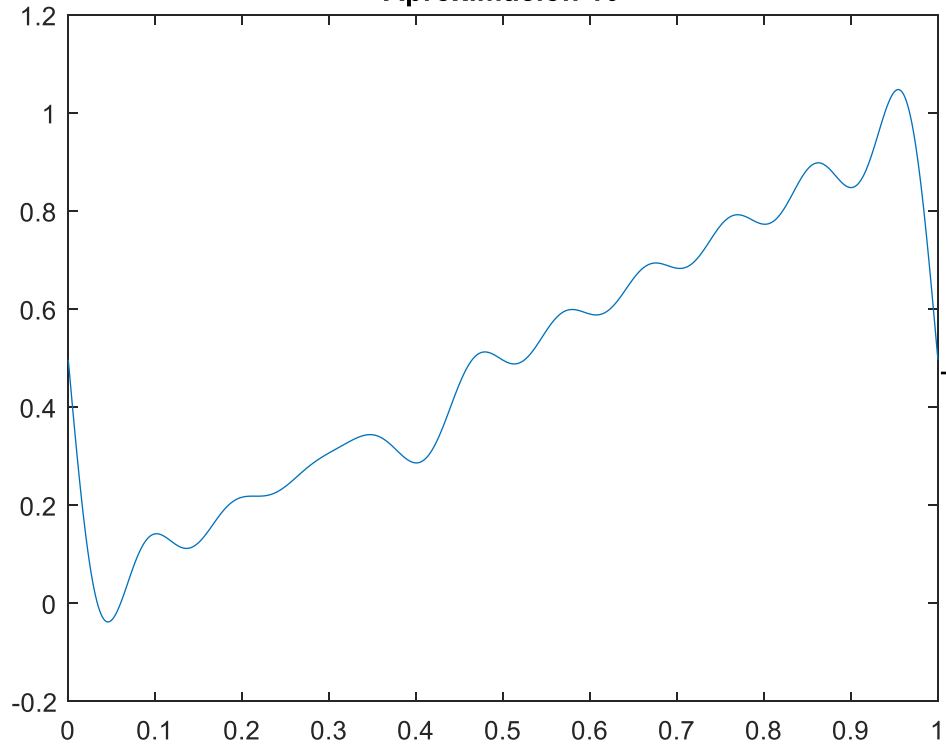
Aproximación 10



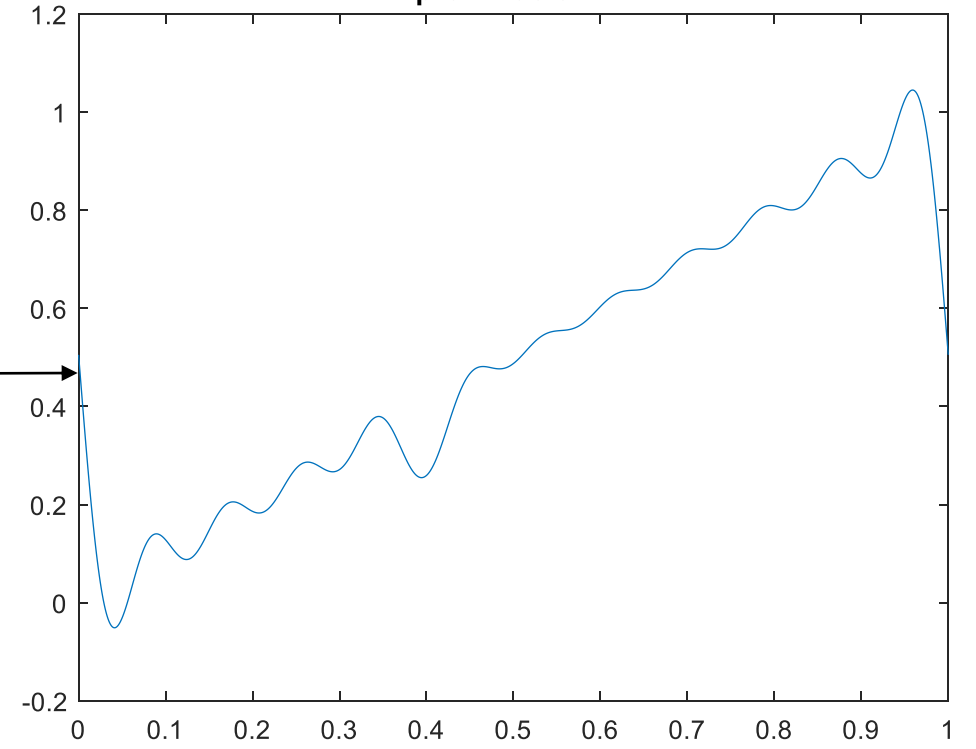
Detalle 10



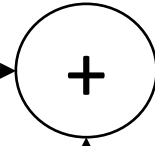
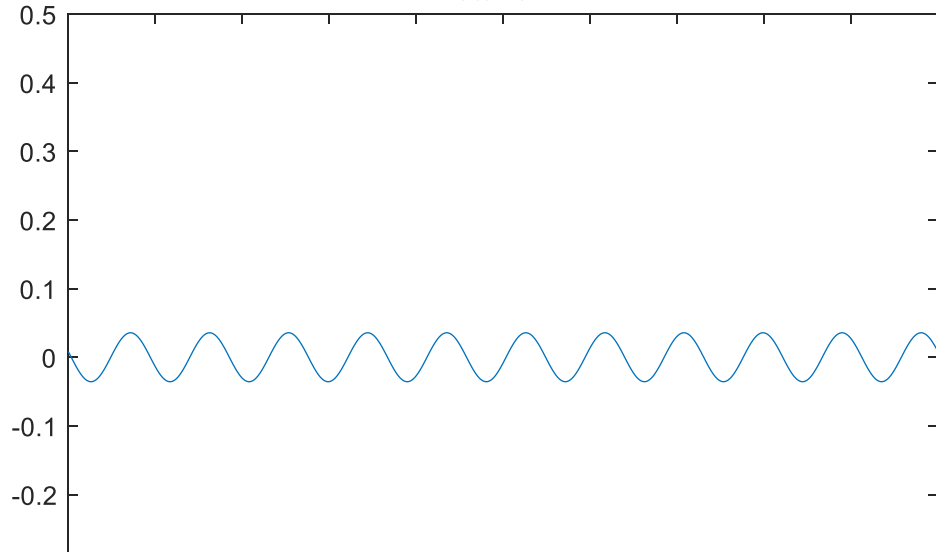
Aproximación 10



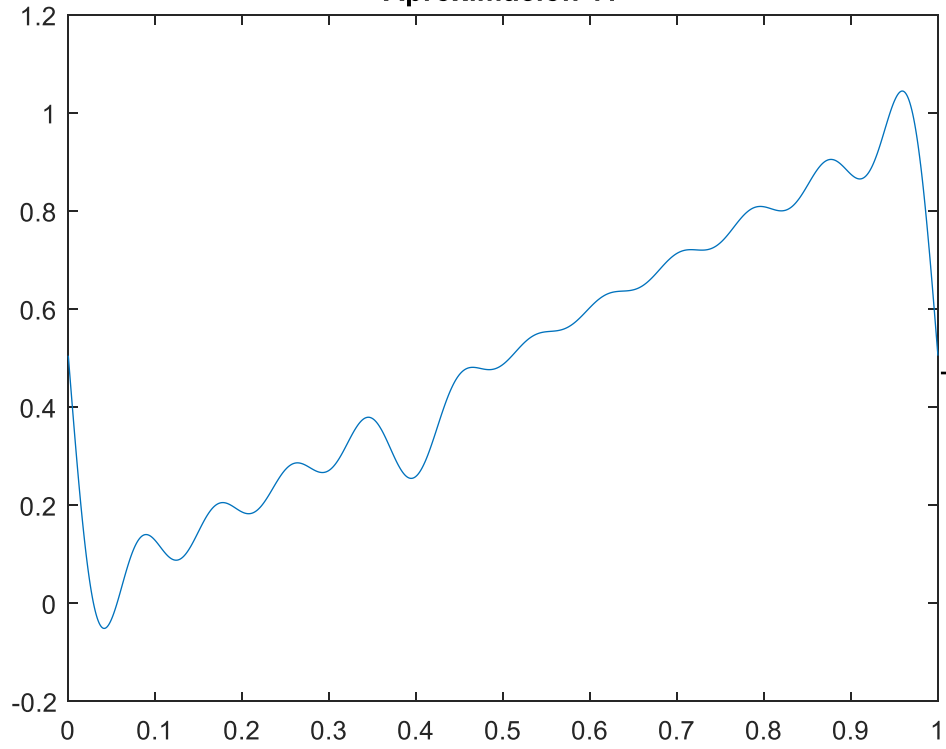
Aproximación 11



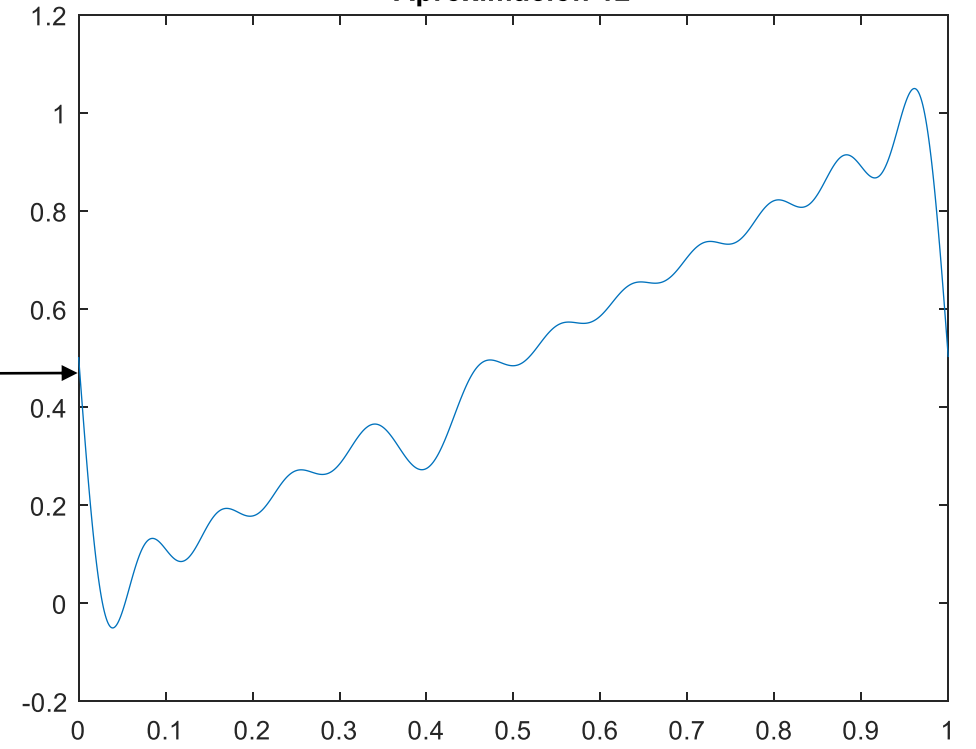
Detalle 11



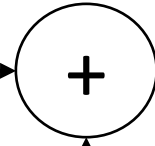
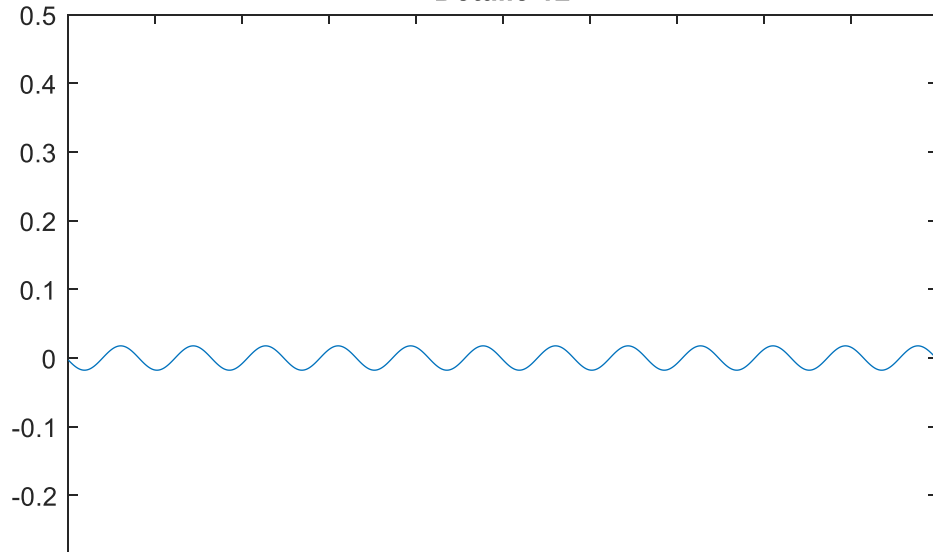
Aproximación 11



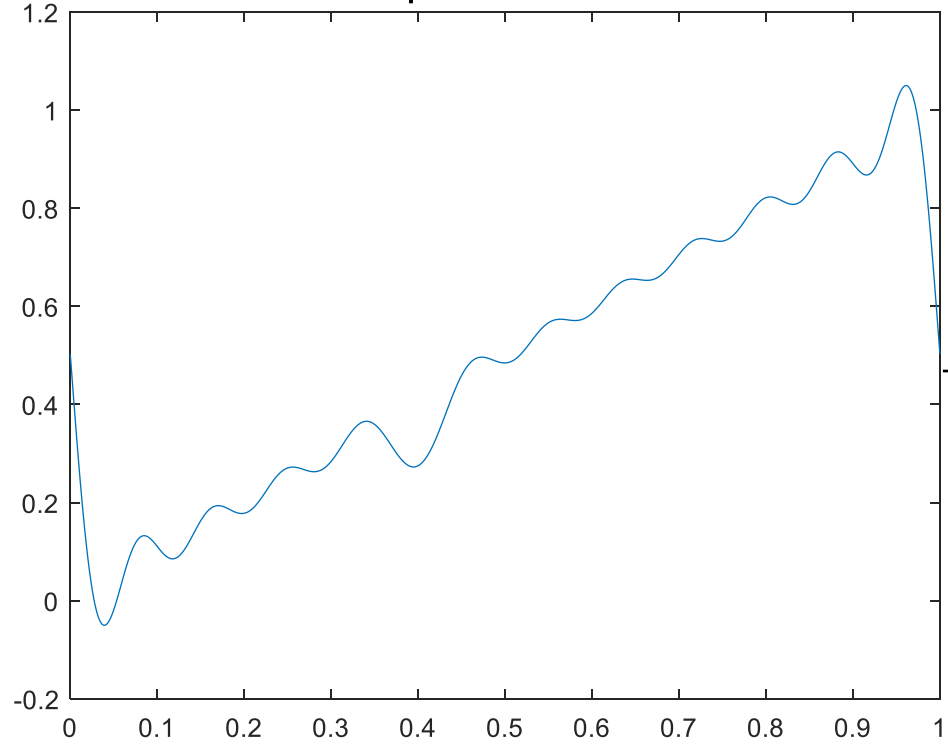
Aproximación 12



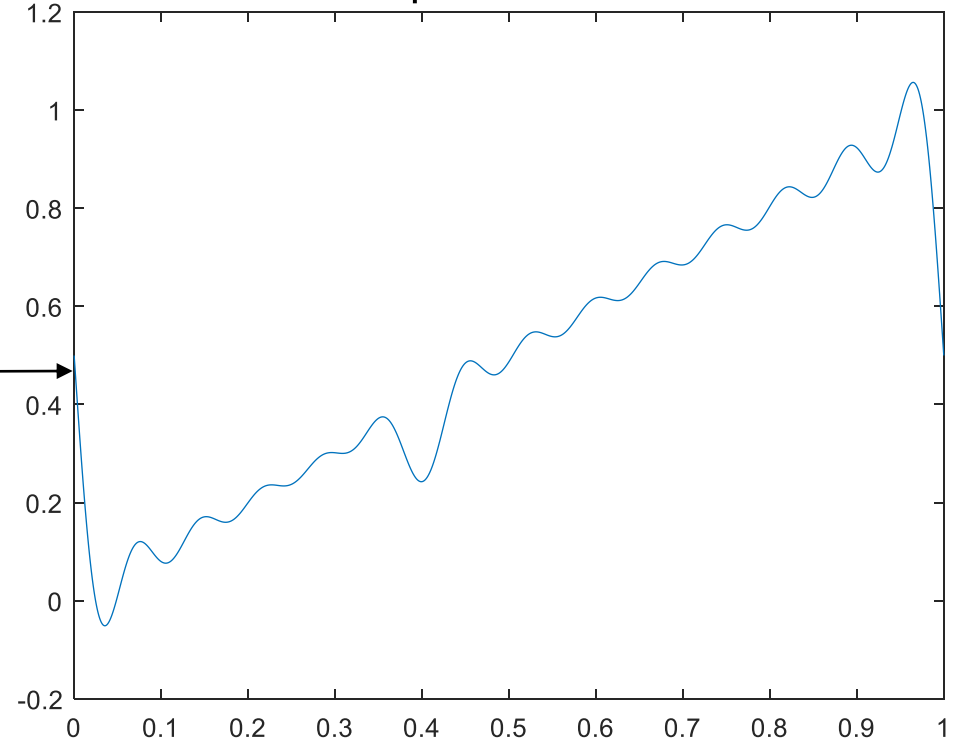
Detalle 12



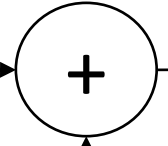
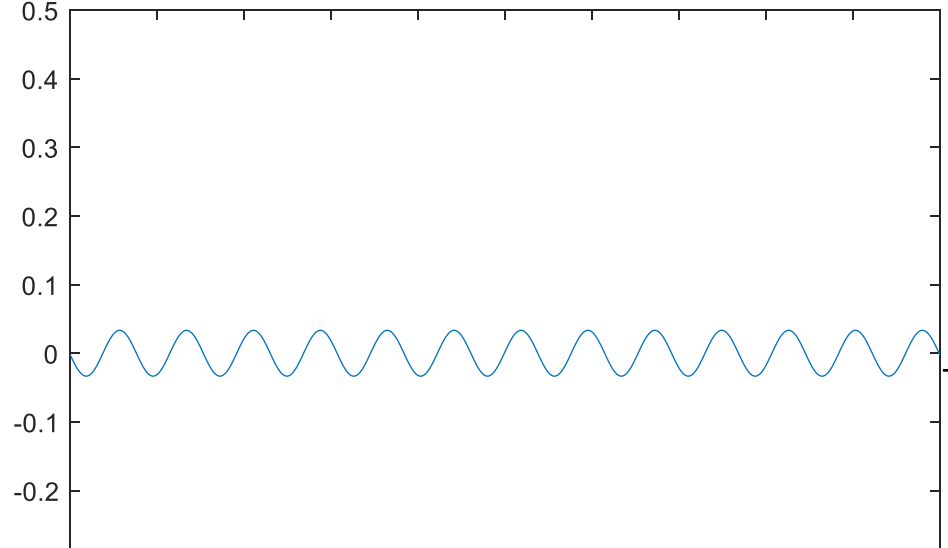
Aproximación 12



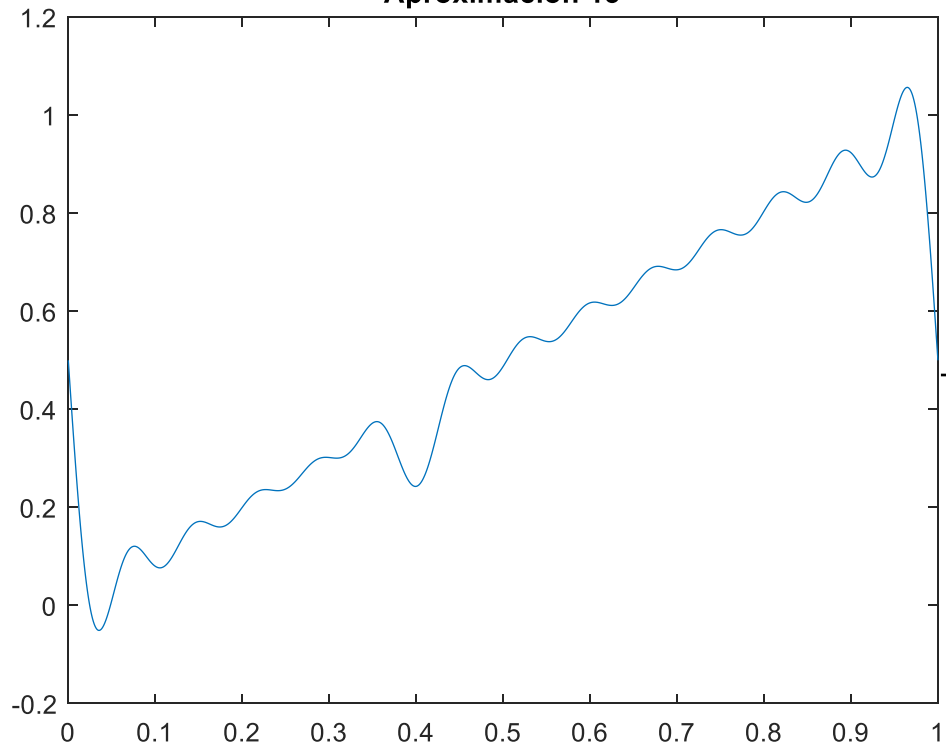
Aproximación 13



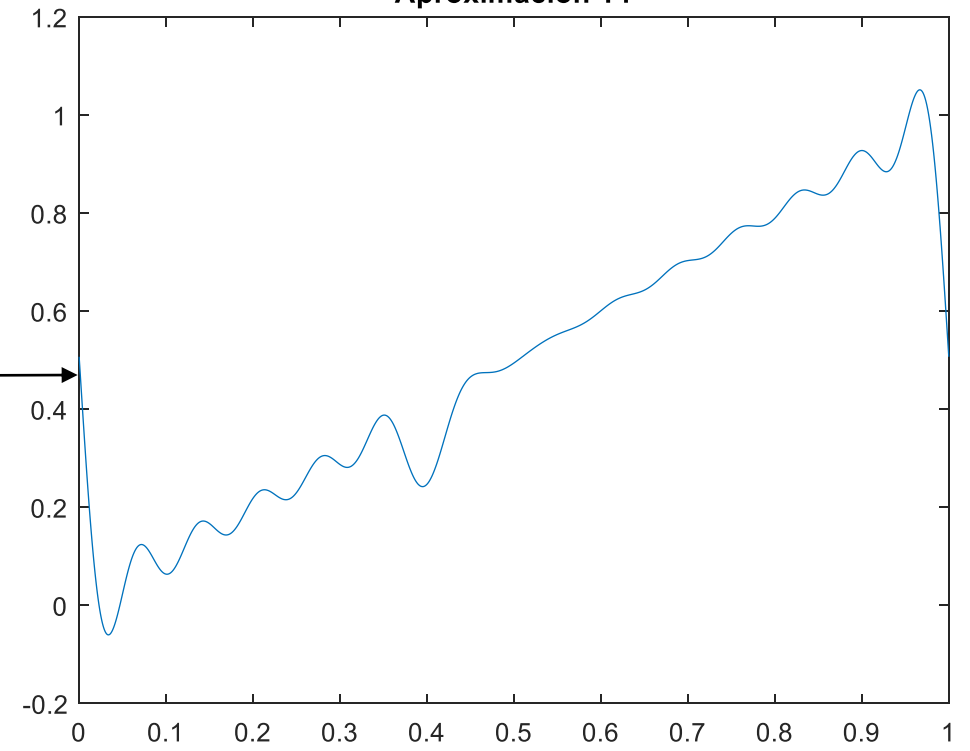
Detalle 13



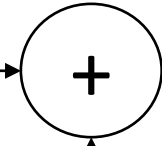
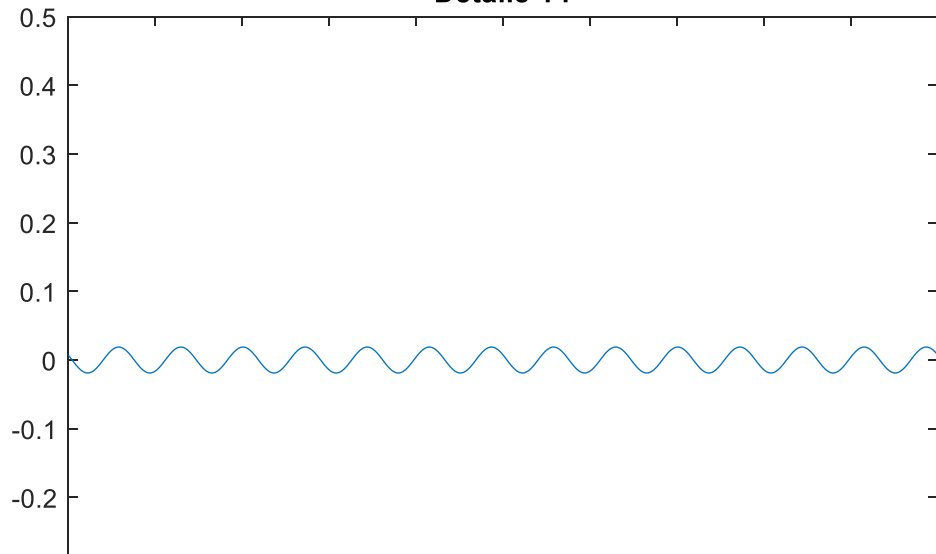
Aproximación 13



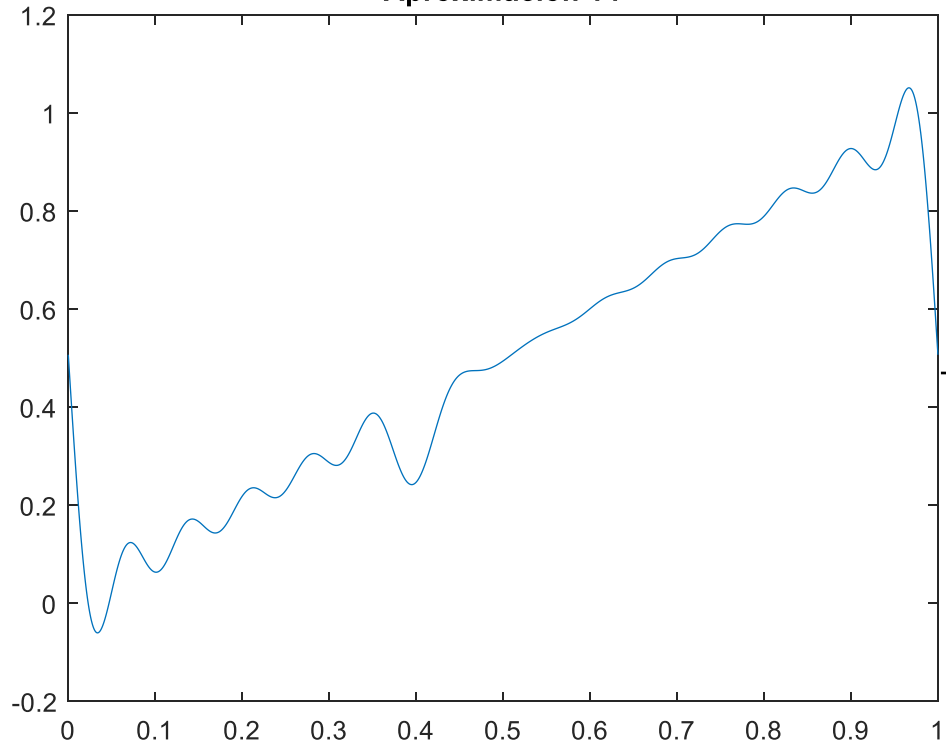
Aproximación 14



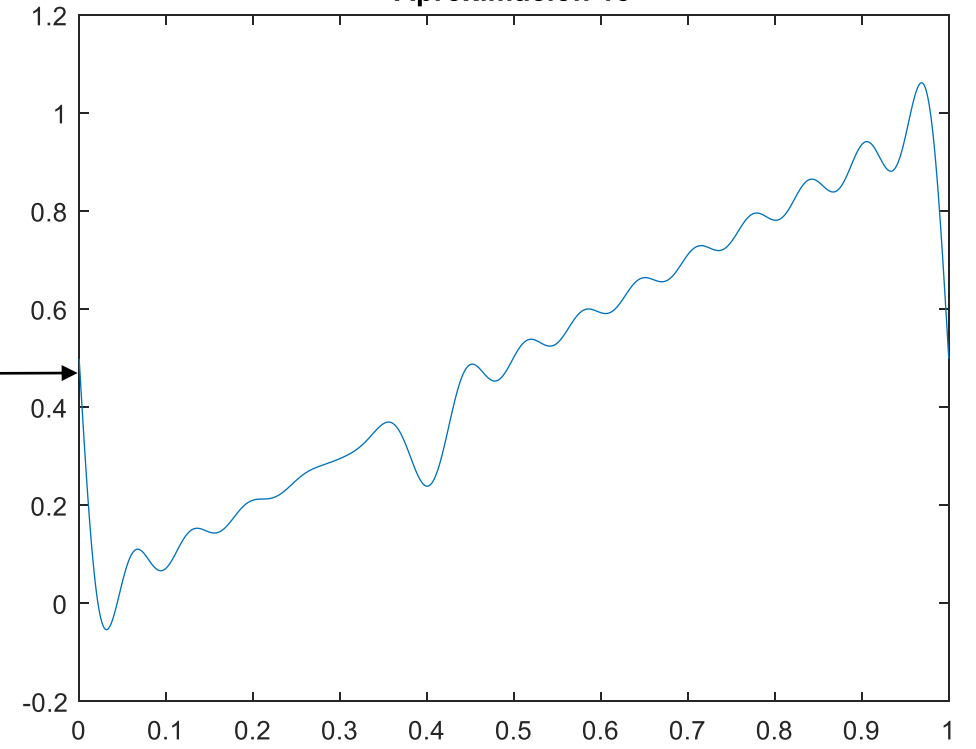
Detalle 14



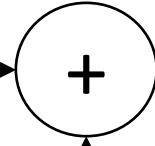
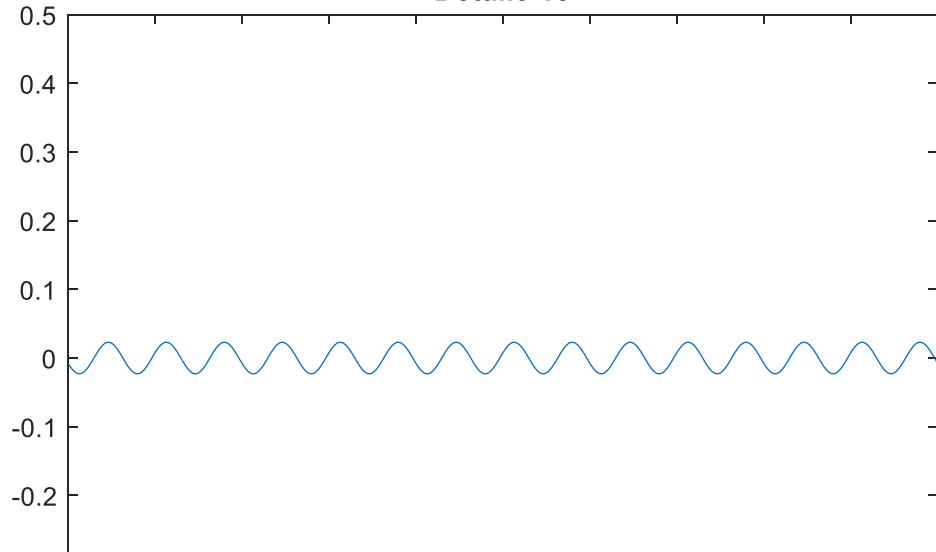
Aproximación 14



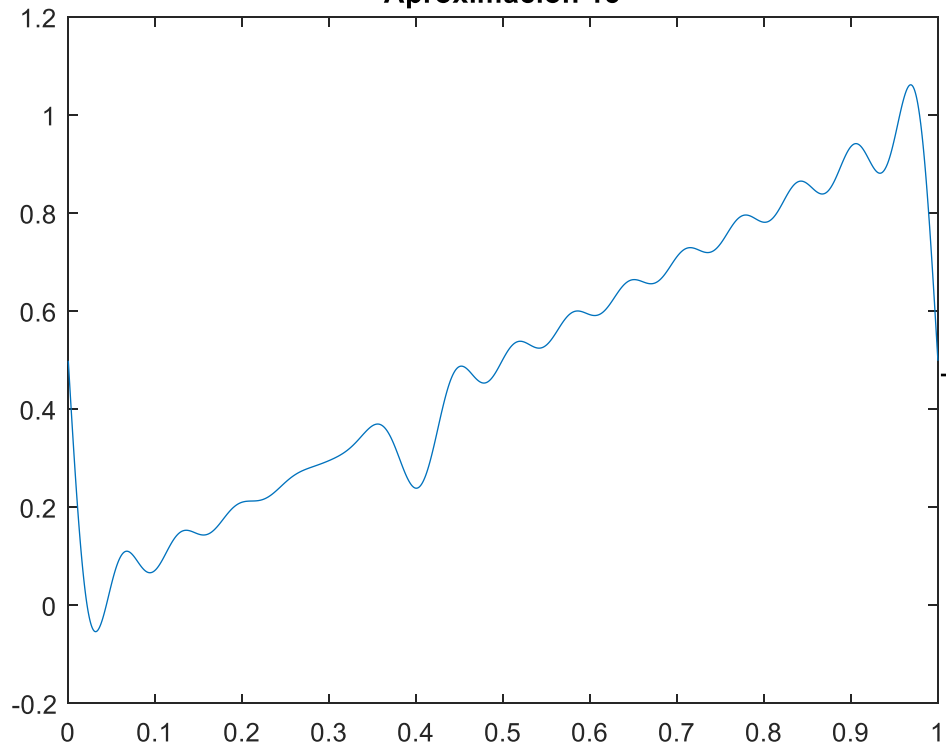
Aproximación 15



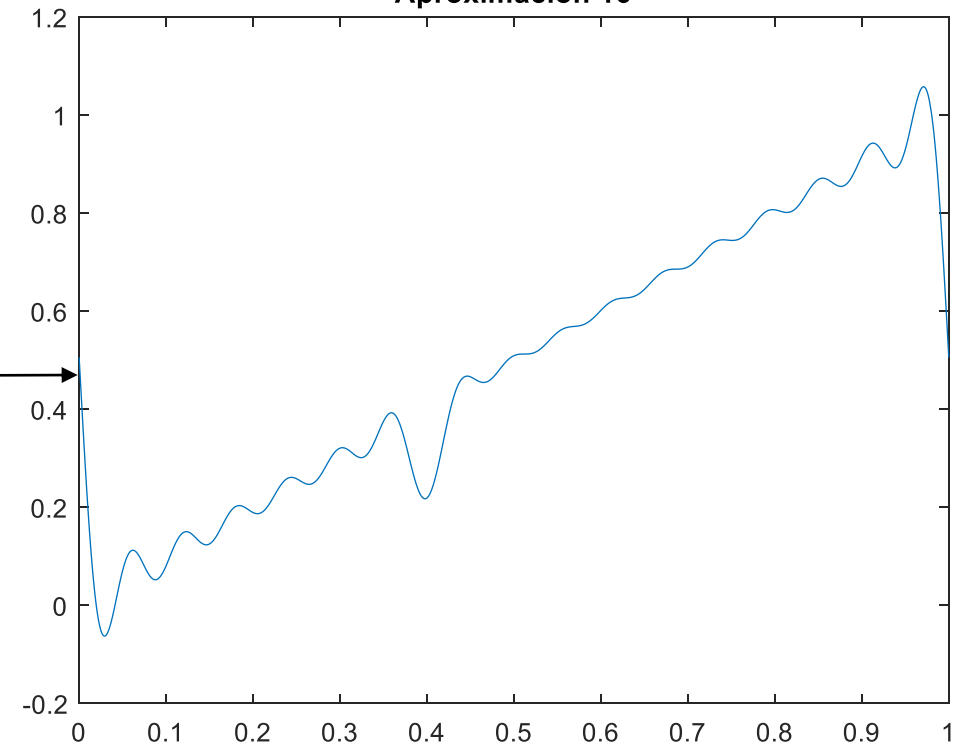
Detalle 15



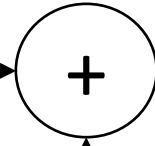
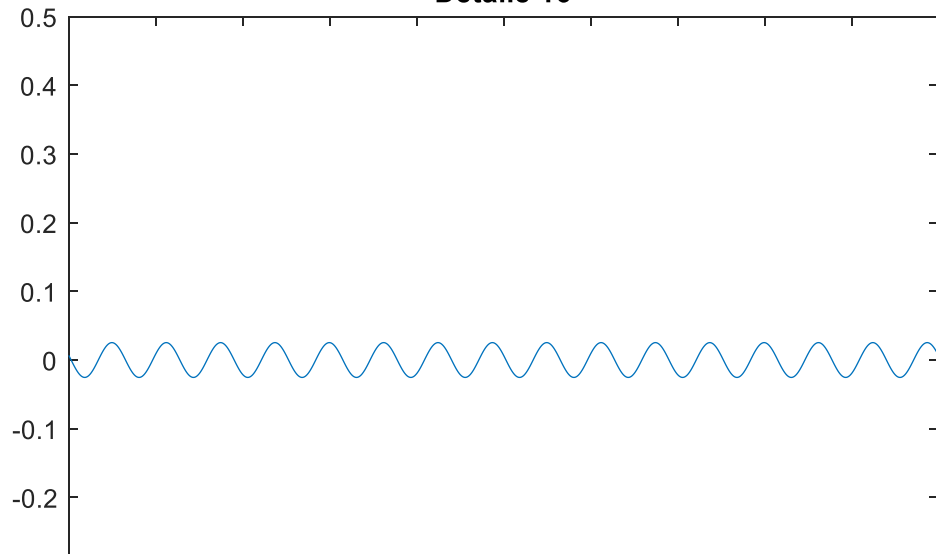
Aproximación 15



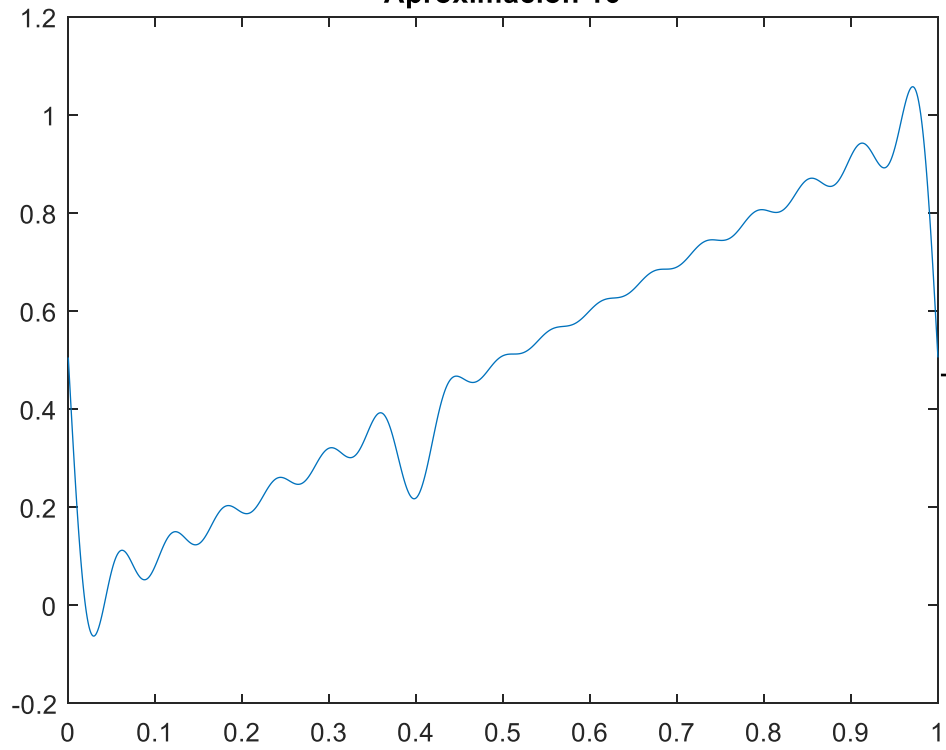
Aproximación 16



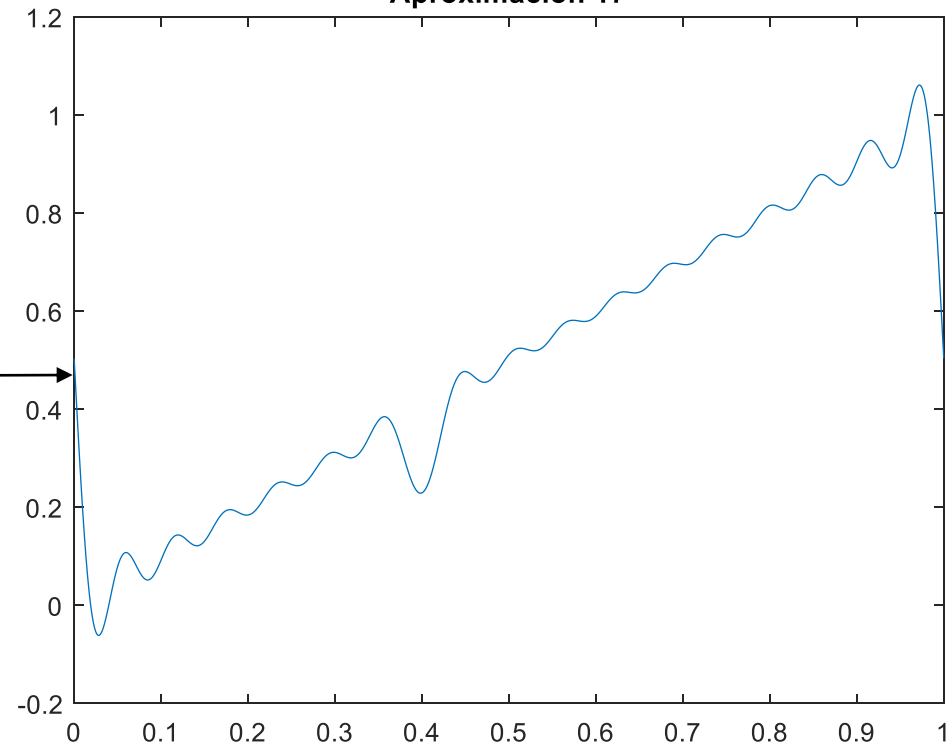
Detalle 16



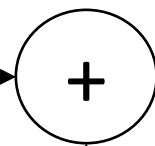
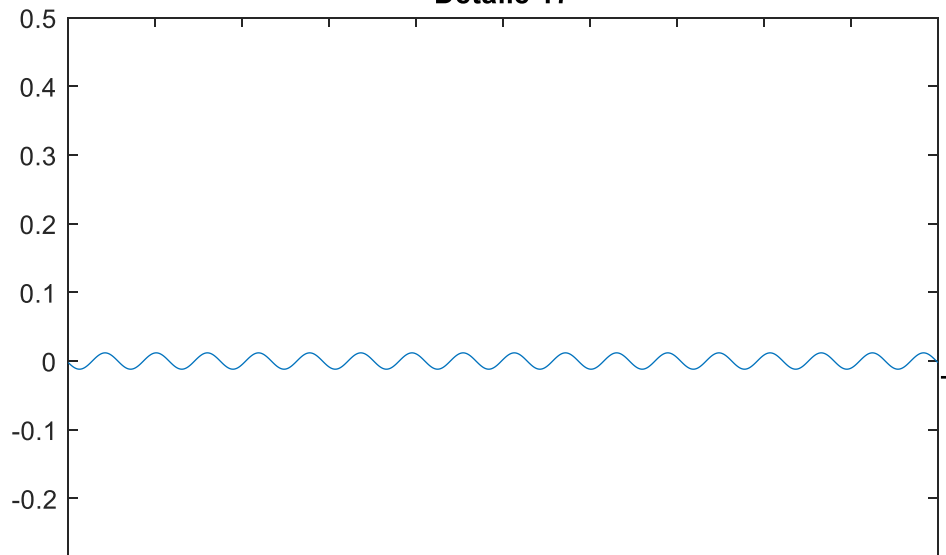
Aproximación 16



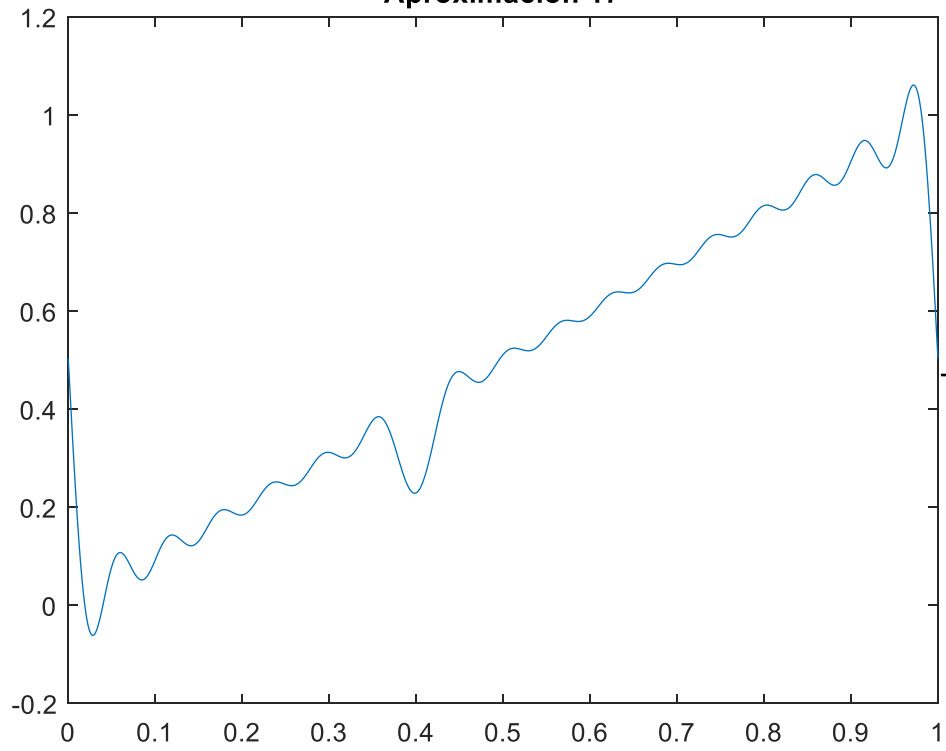
Aproximación 17



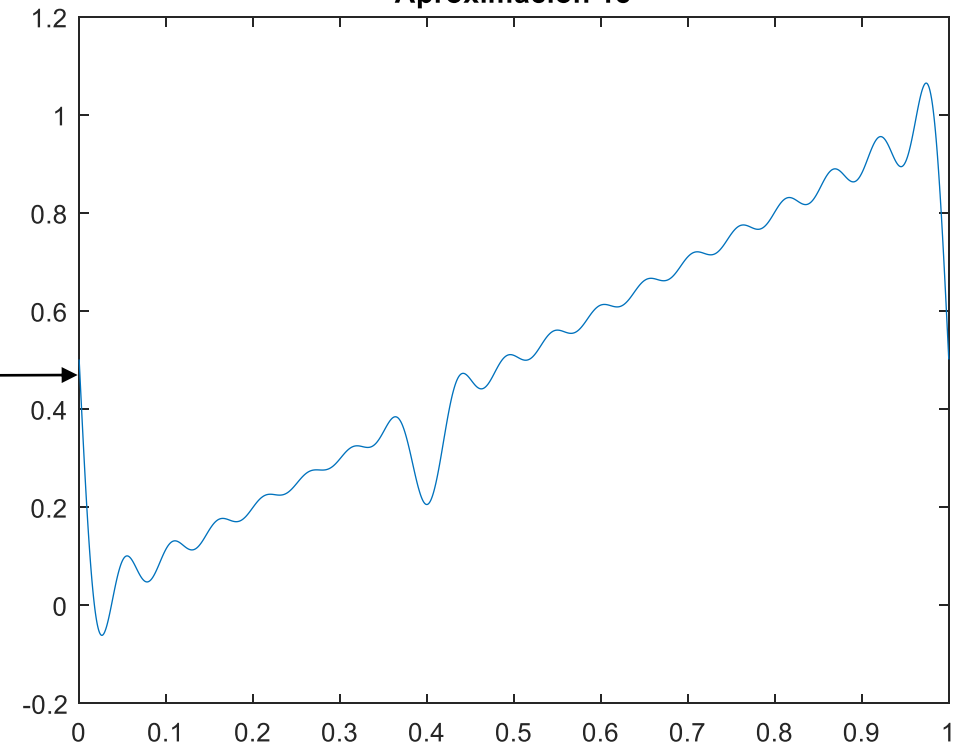
Detalle 17



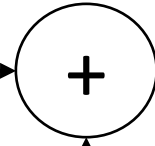
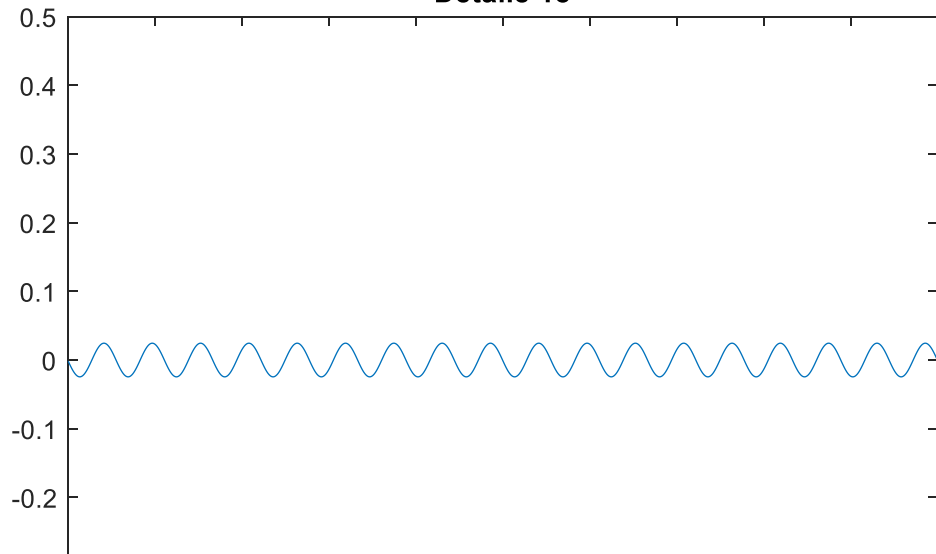
Aproximación 17



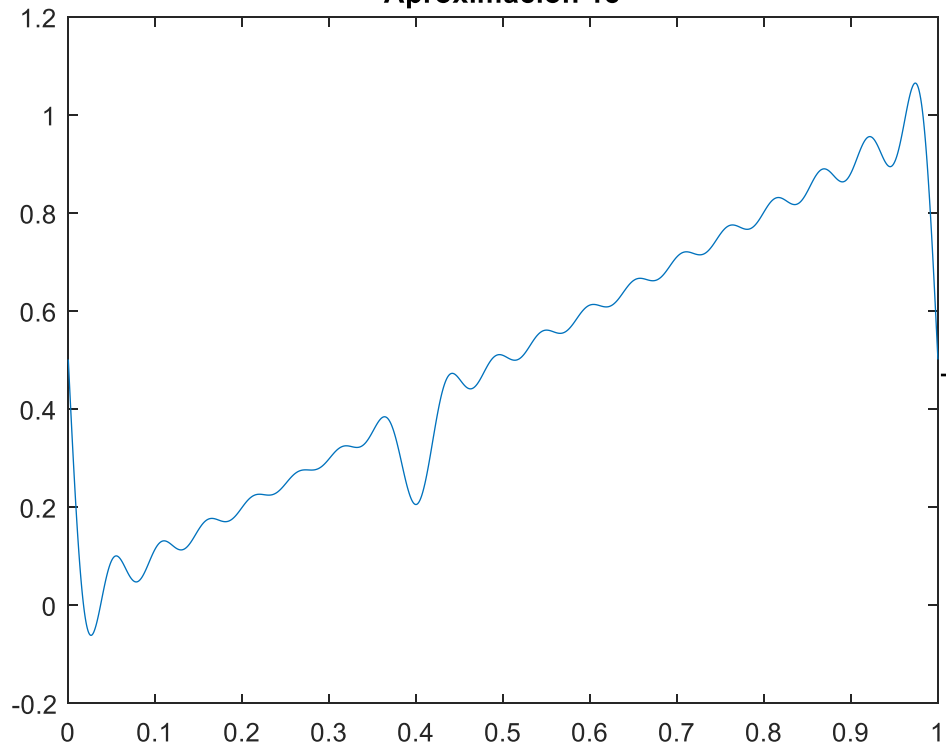
Aproximación 18



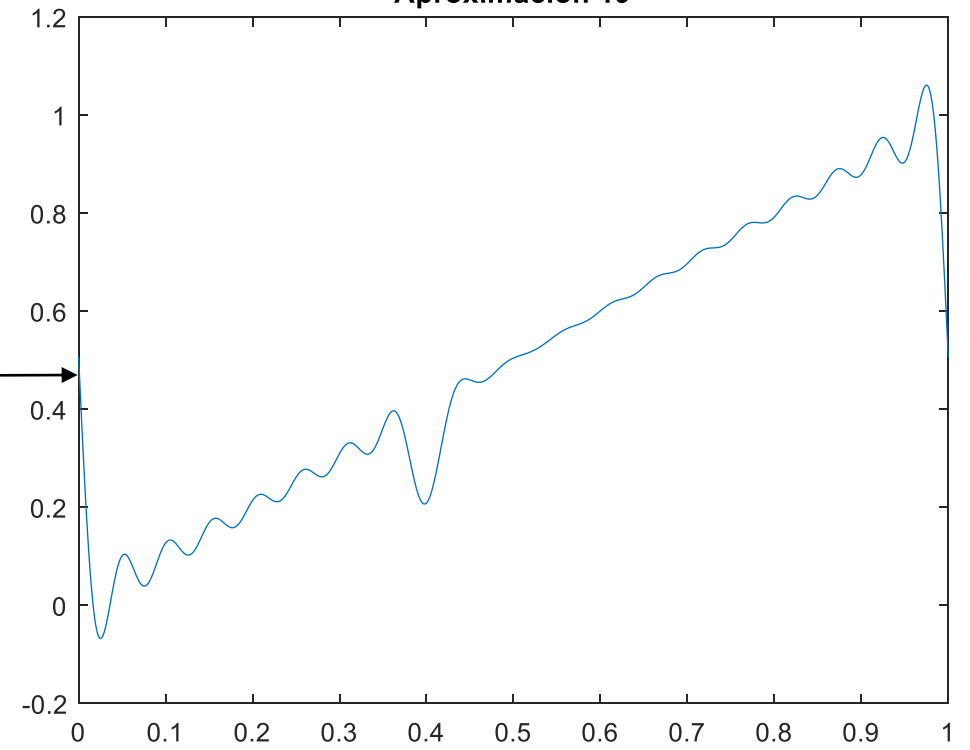
Detalle 18



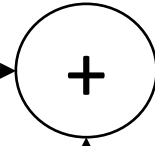
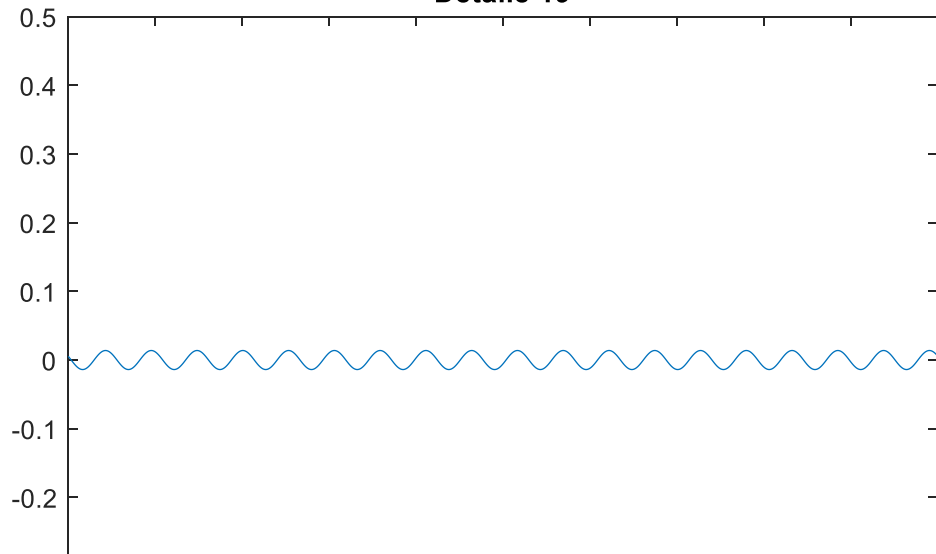
Aproximación 18



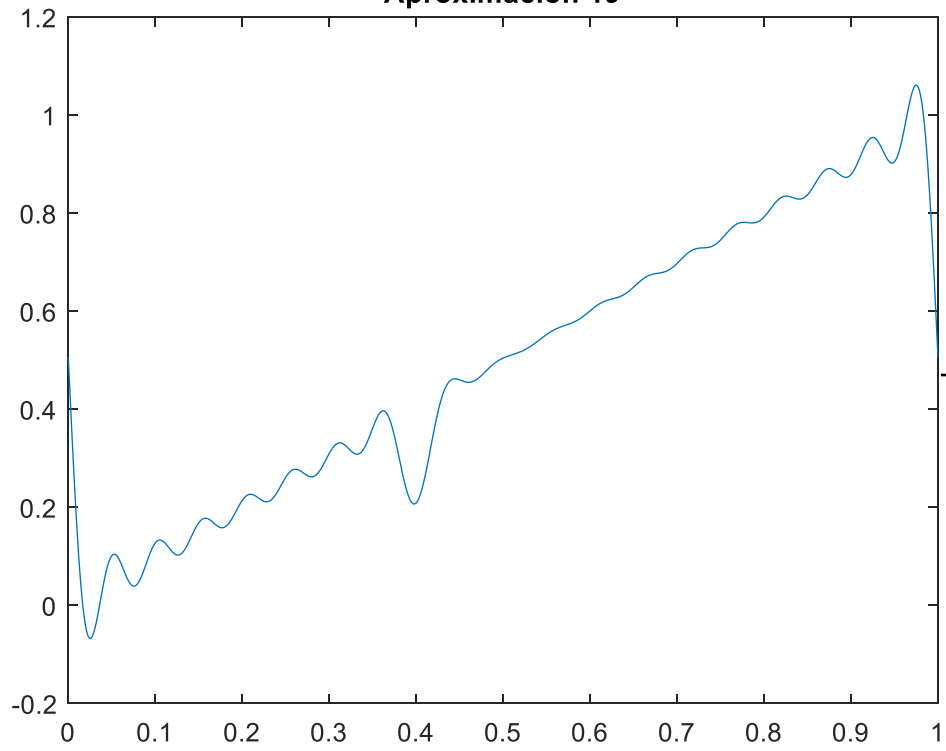
Aproximación 19



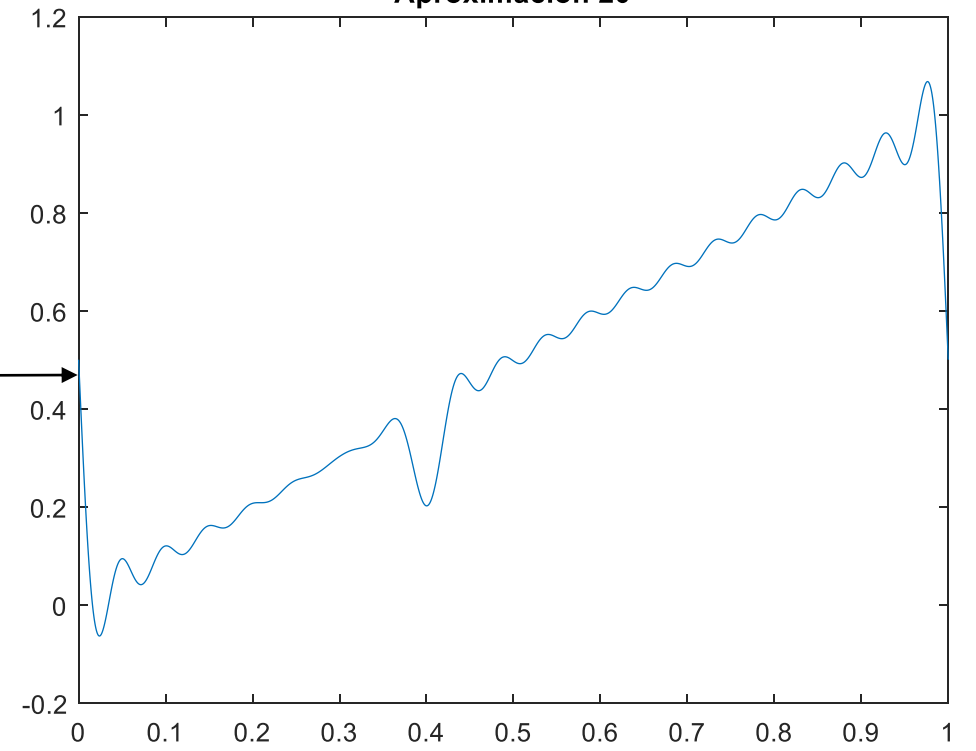
Detalle 19



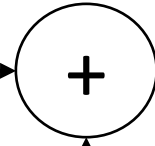
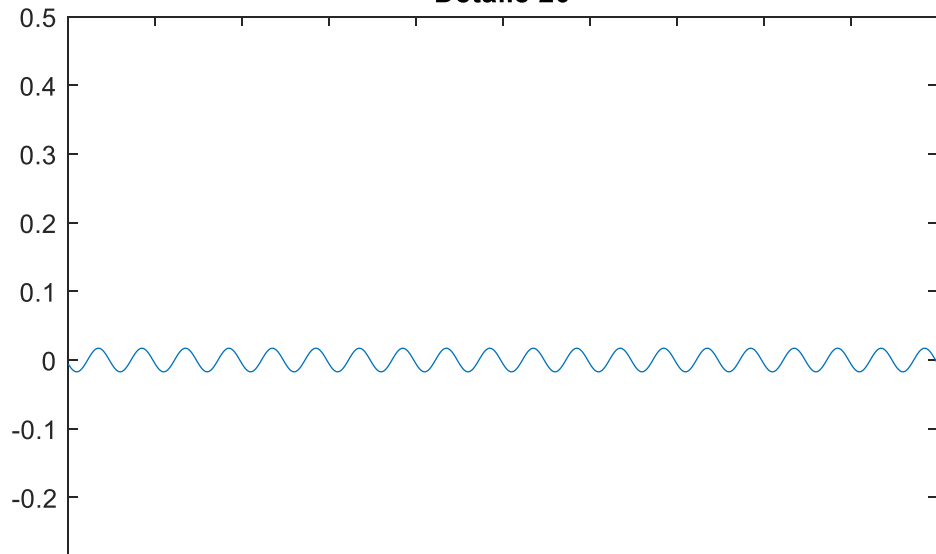
Aproximación 19



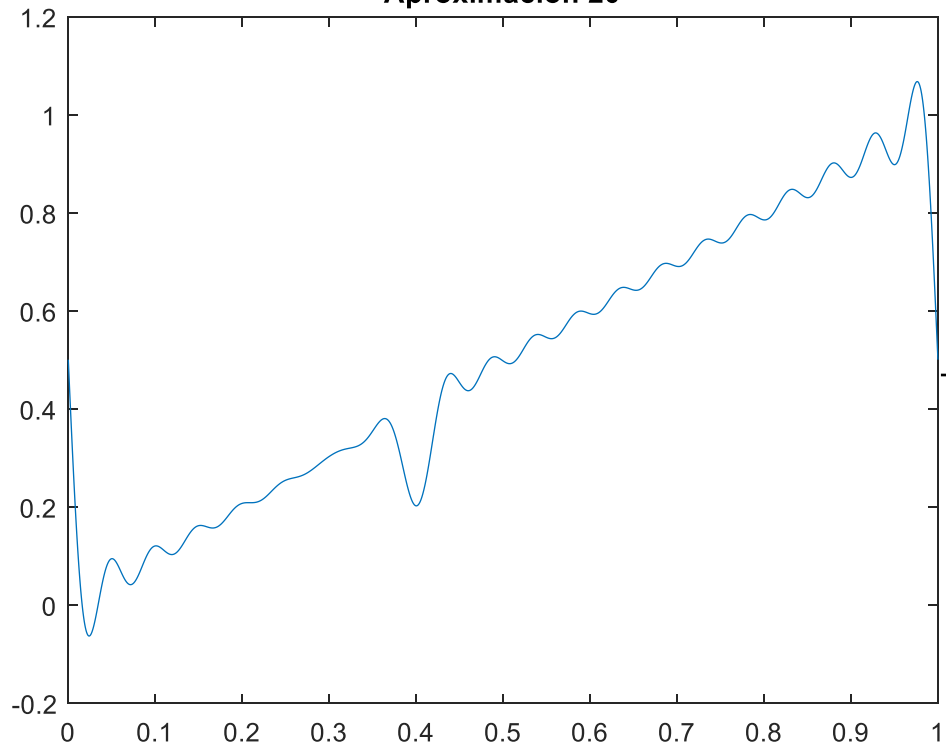
Aproximación 20



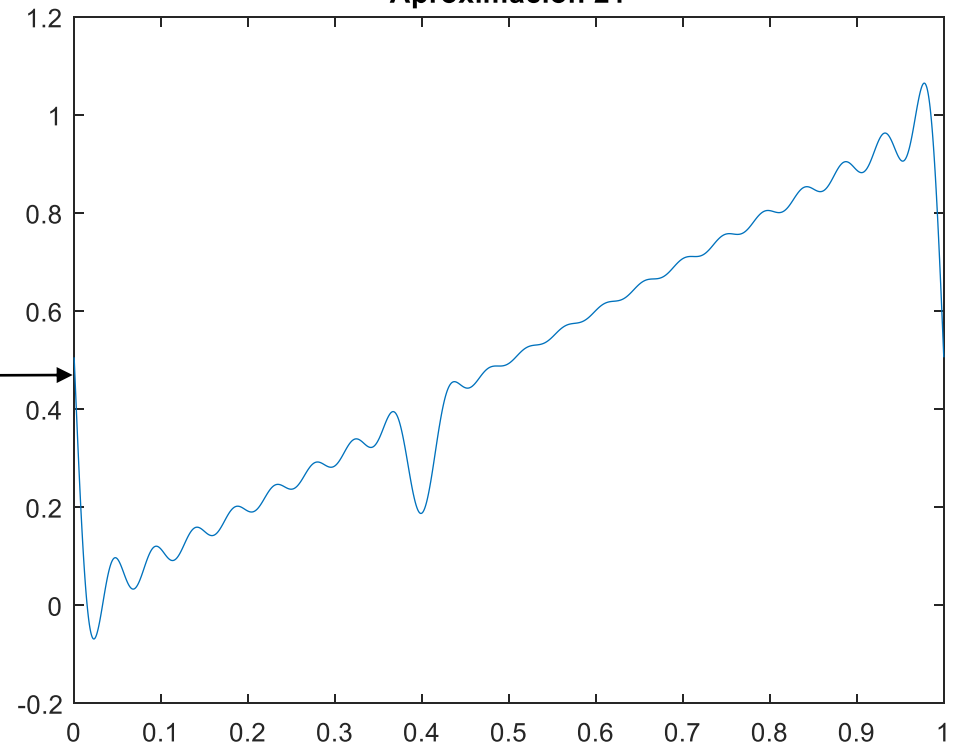
Detalle 20



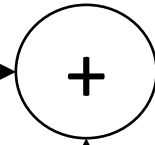
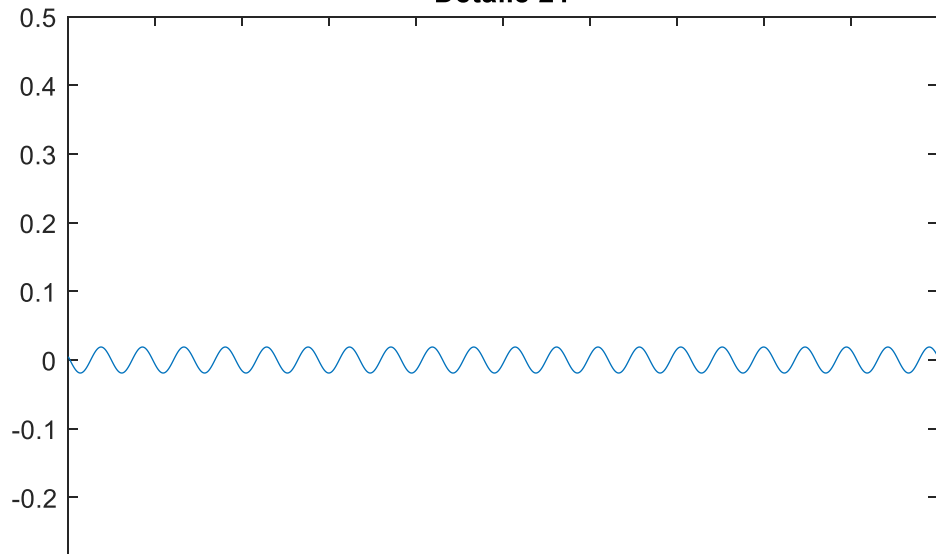
Aproximación 20



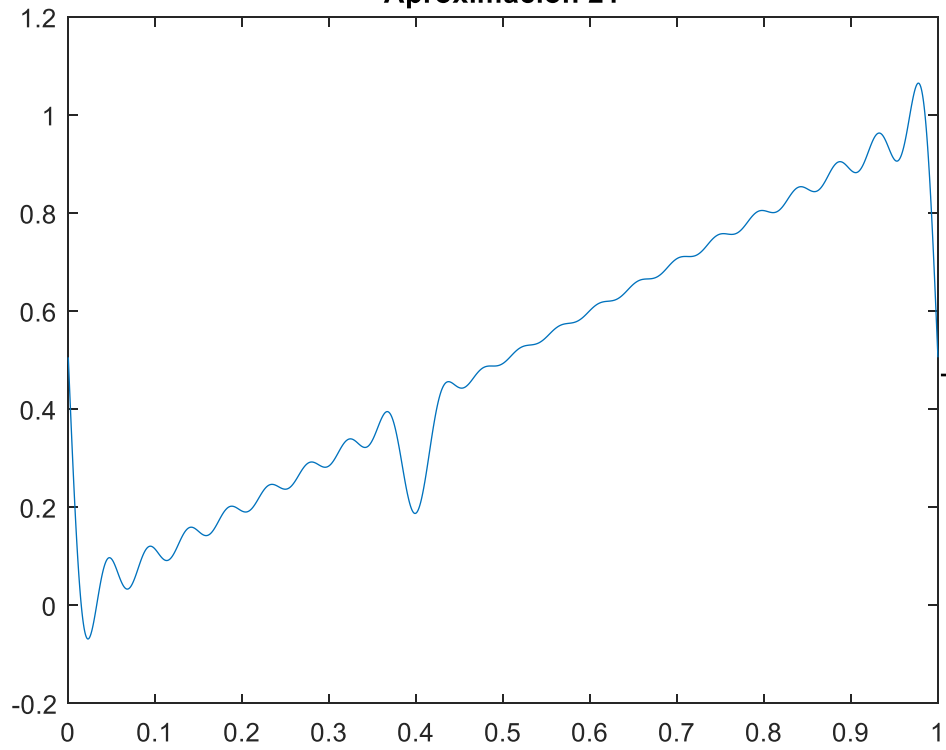
Aproximación 21



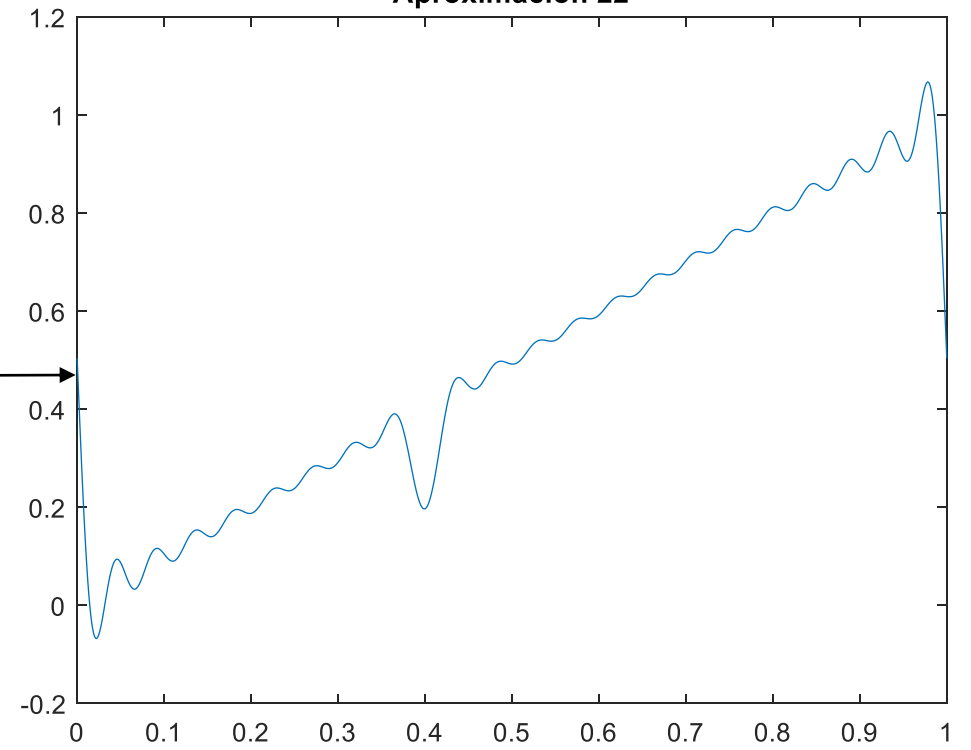
Detalle 21



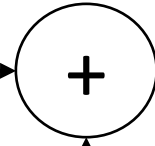
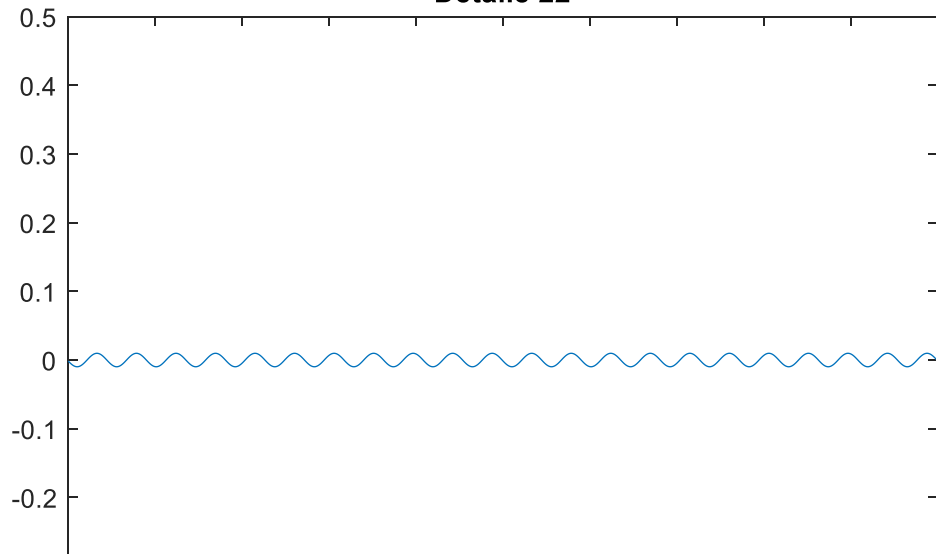
Aproximación 21



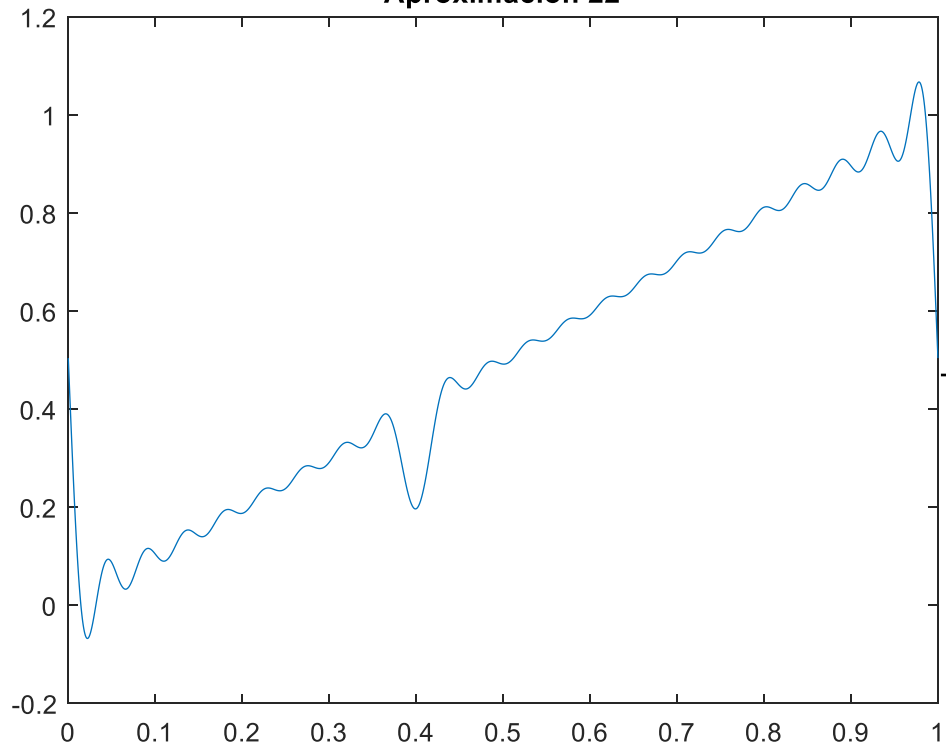
Aproximación 22



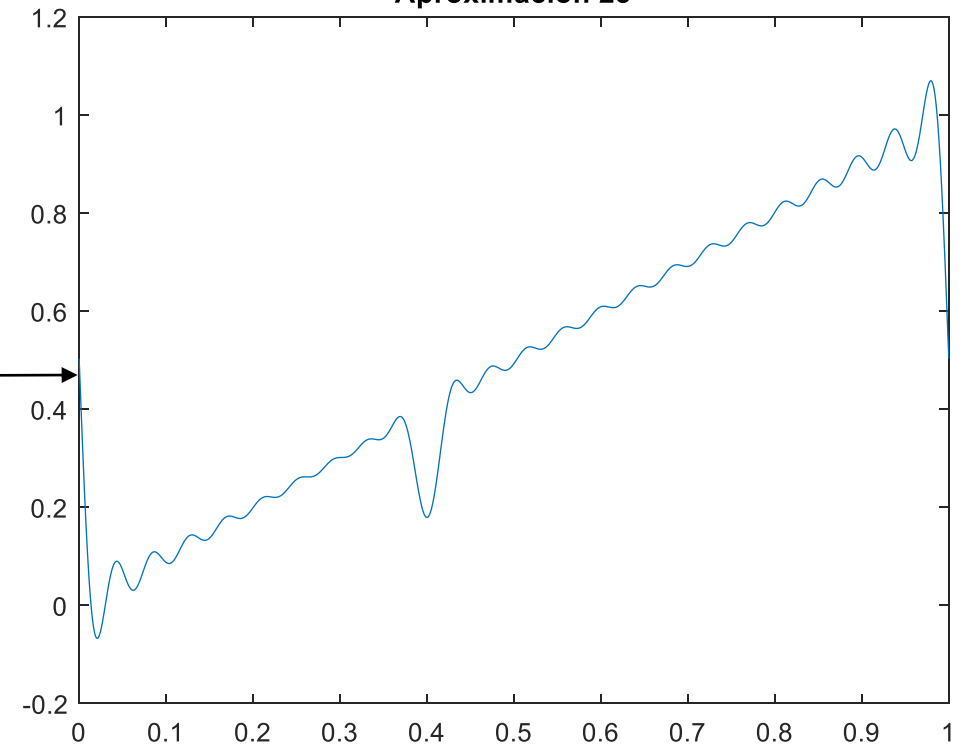
Detalle 22



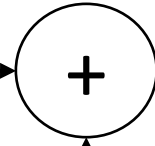
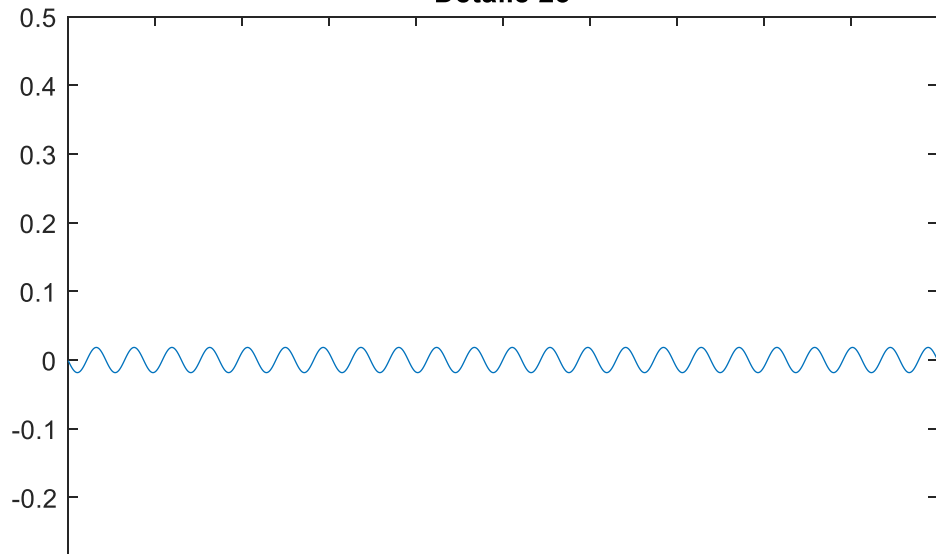
Aproximación 22



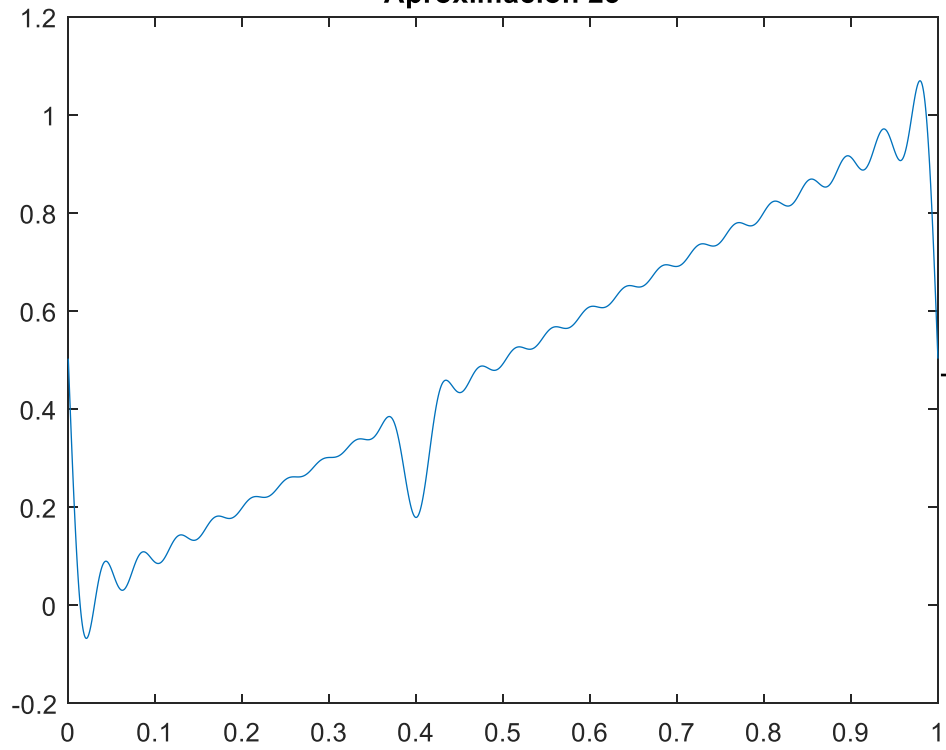
Aproximación 23



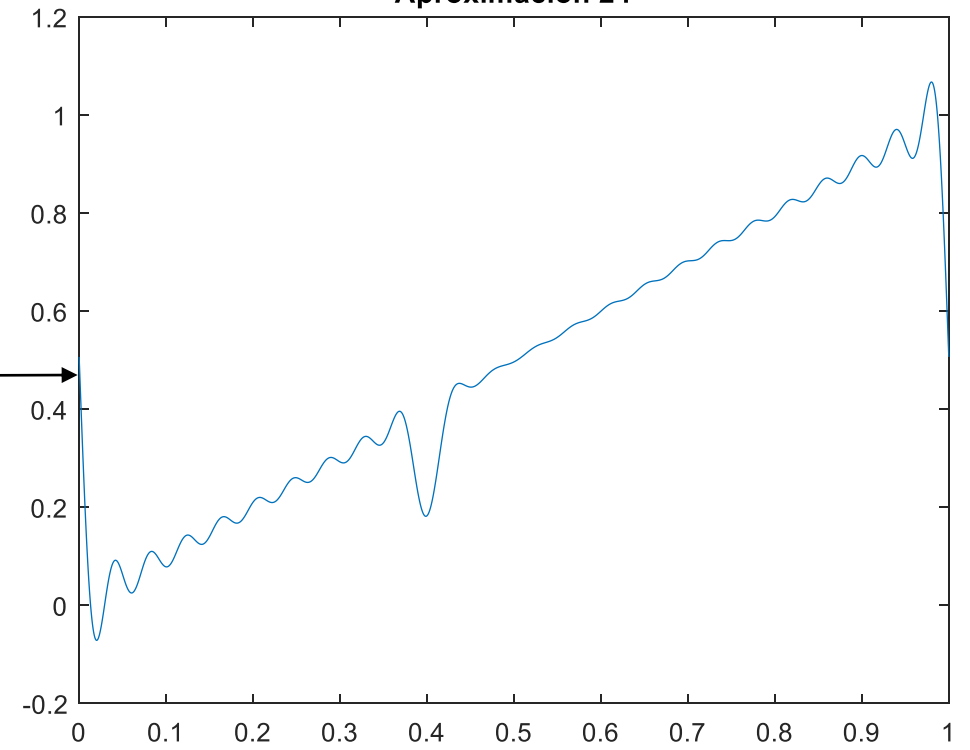
Detalle 23



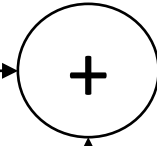
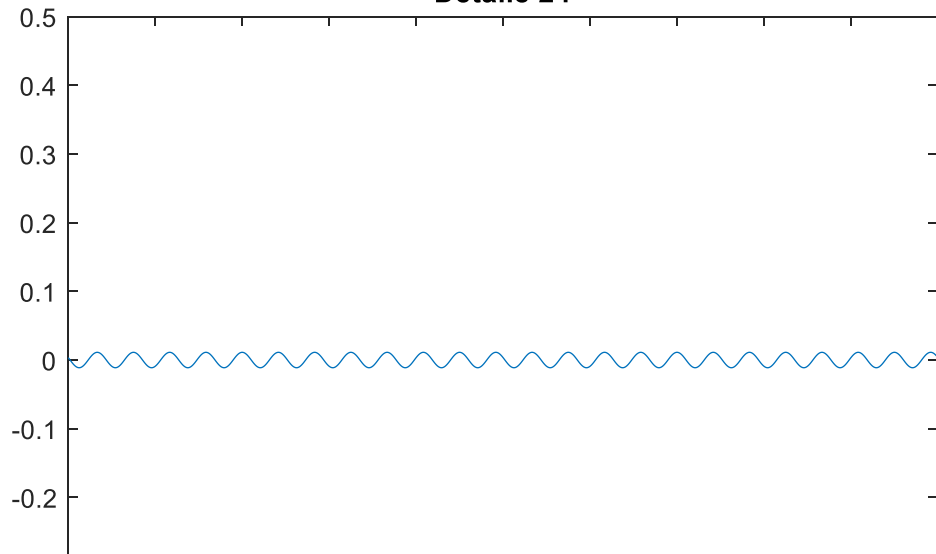
Aproximación 23



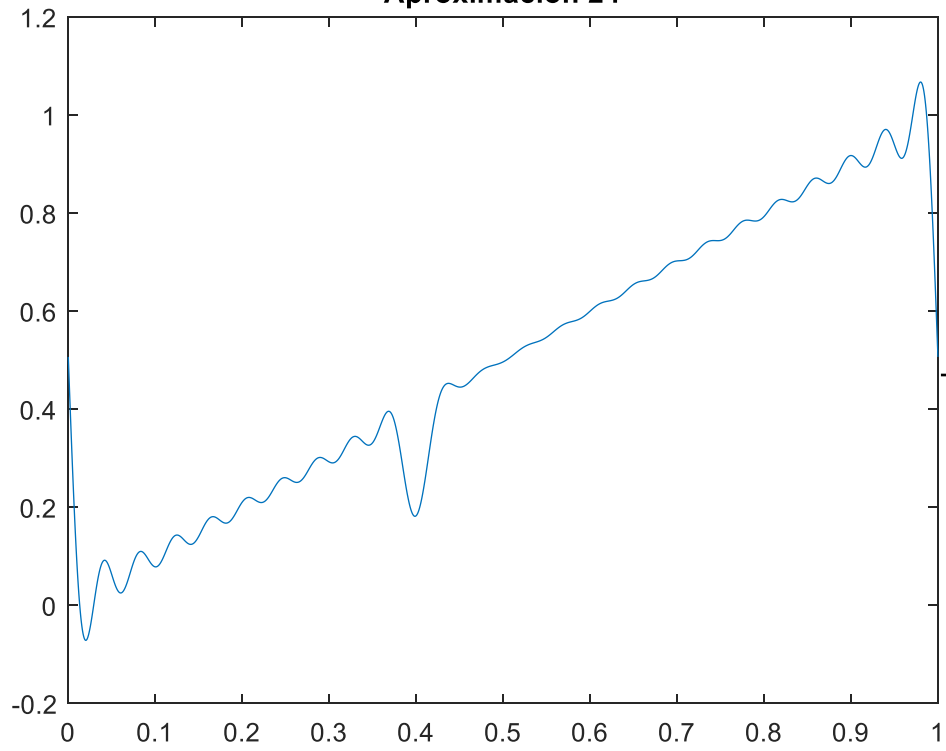
Aproximación 24



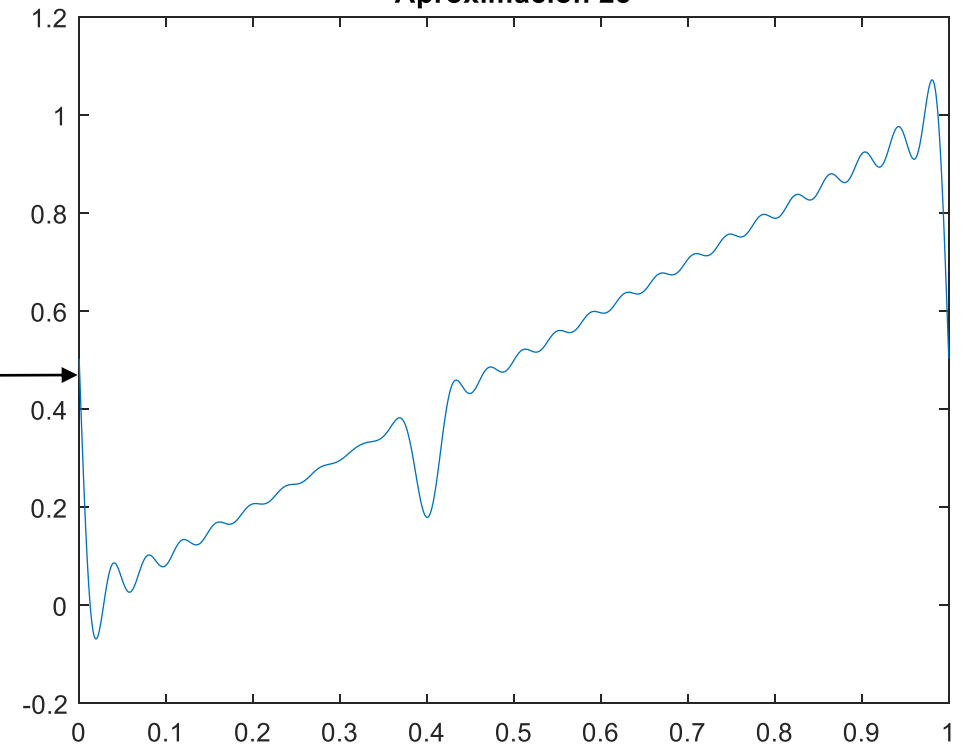
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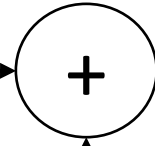
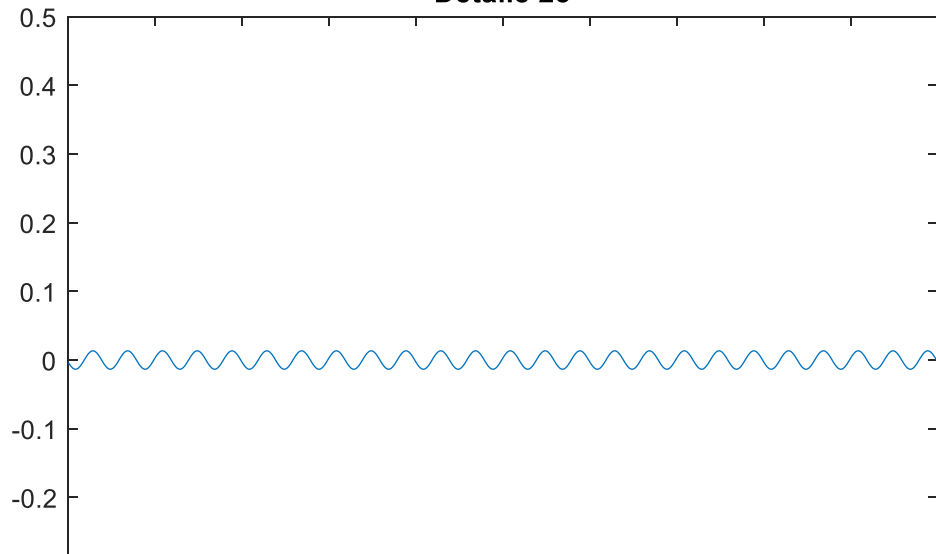
Aproximación 24



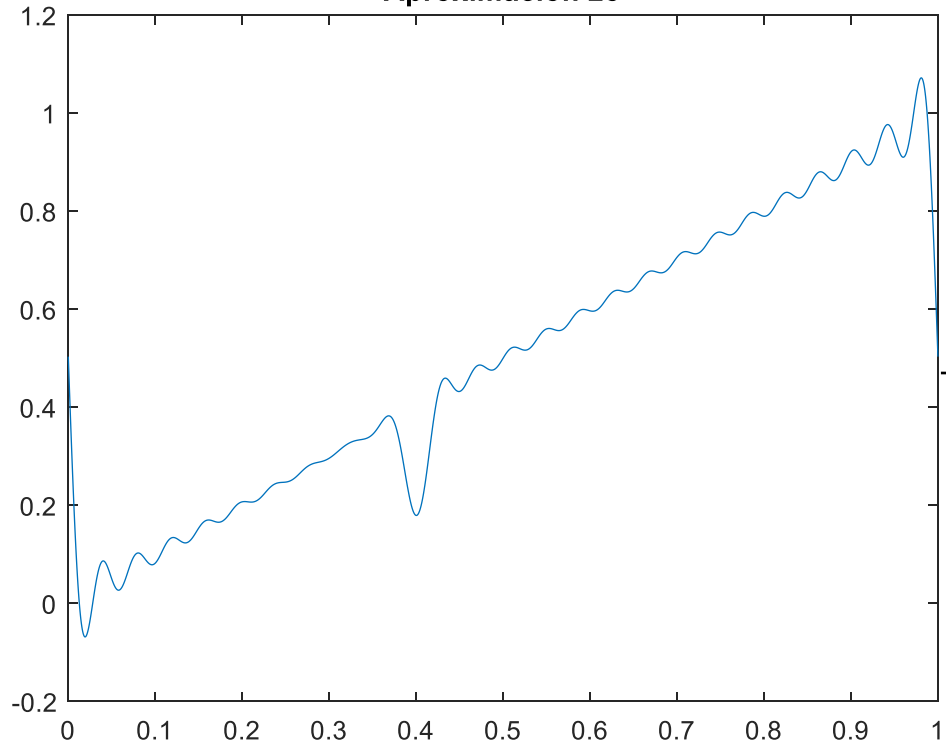
Aproximación 25



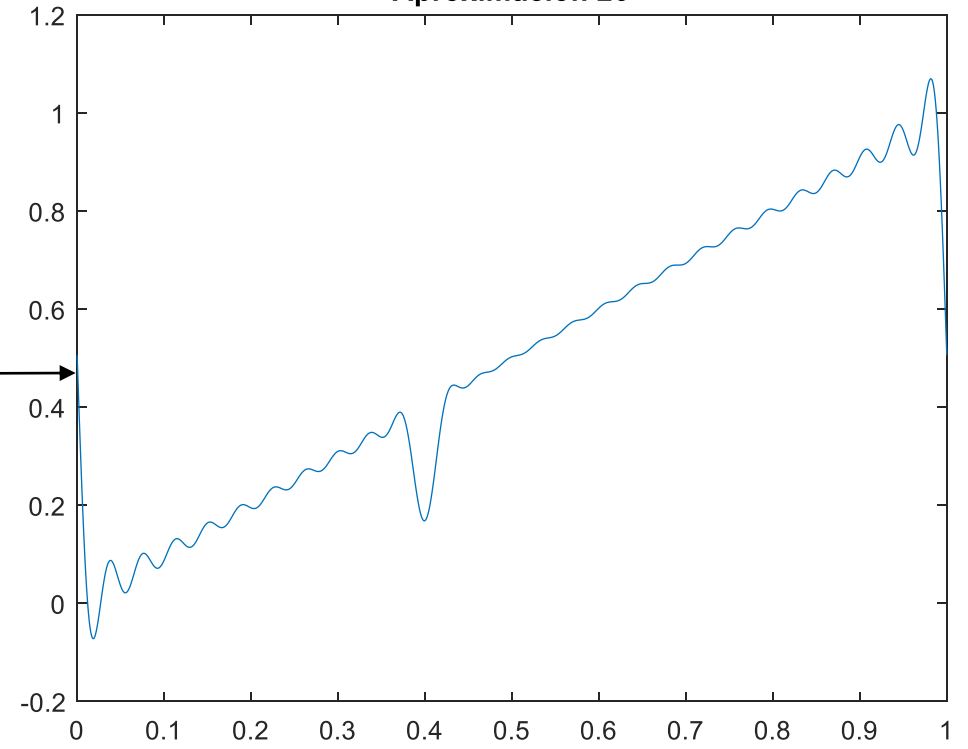
Detalle 25



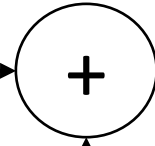
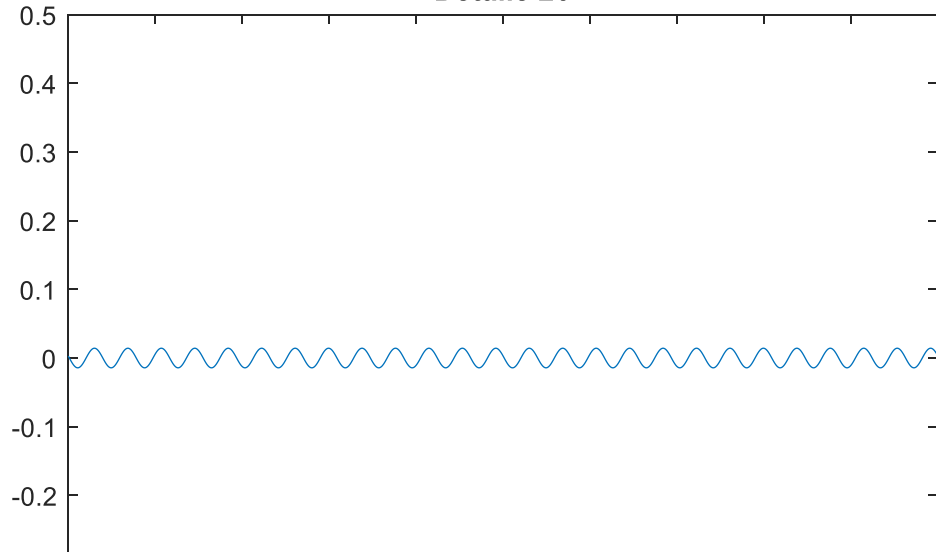
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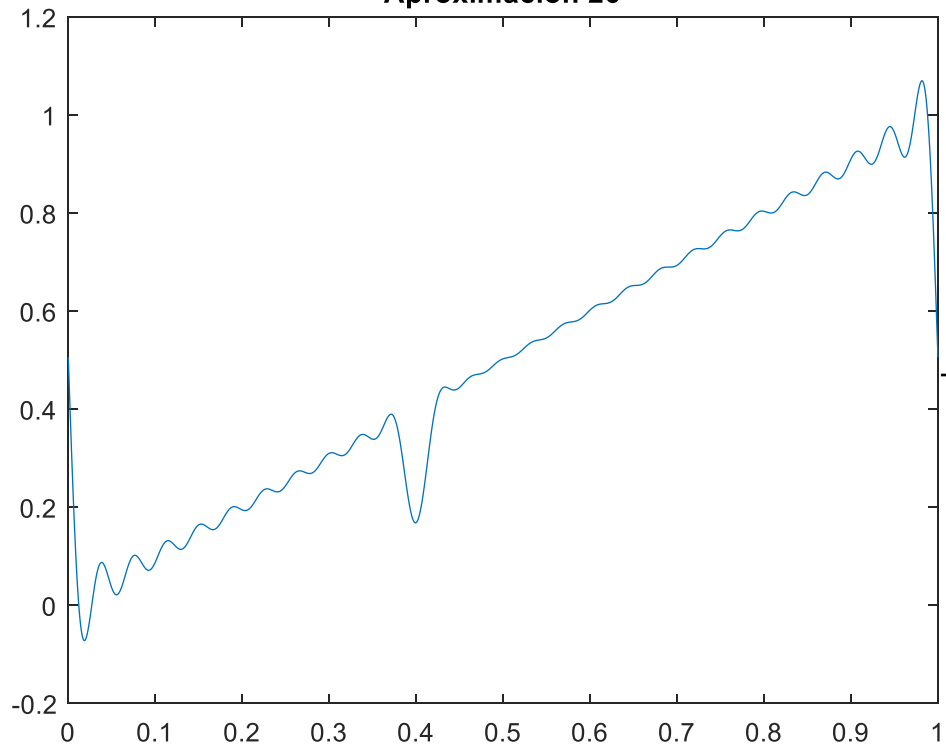
Aproximación 26



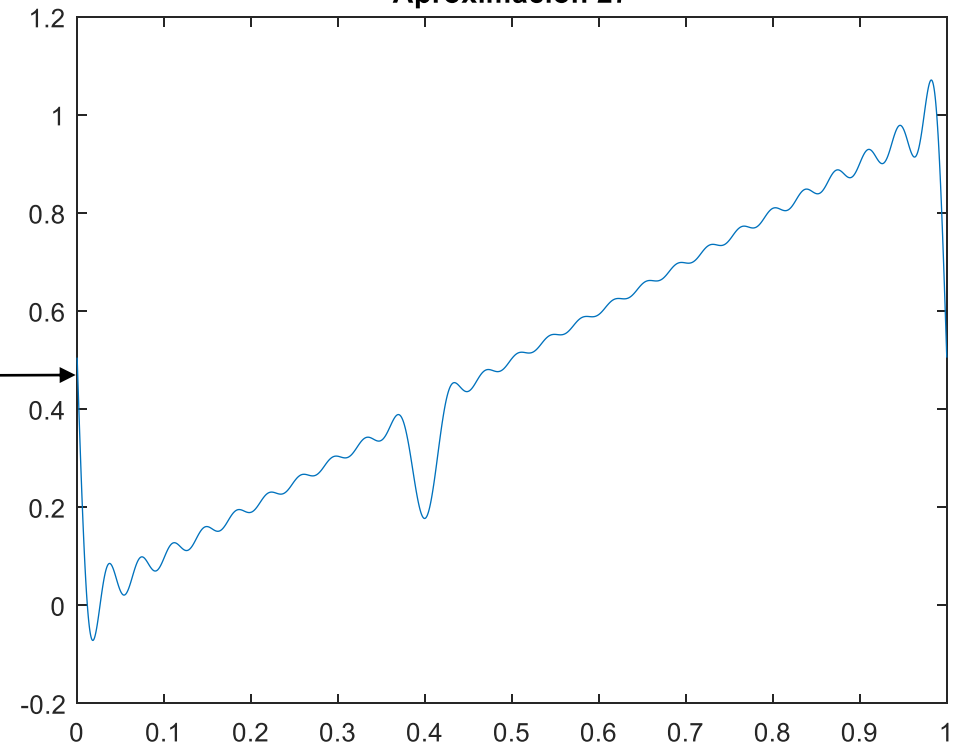
Detalle 26



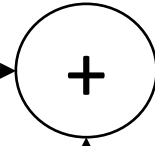
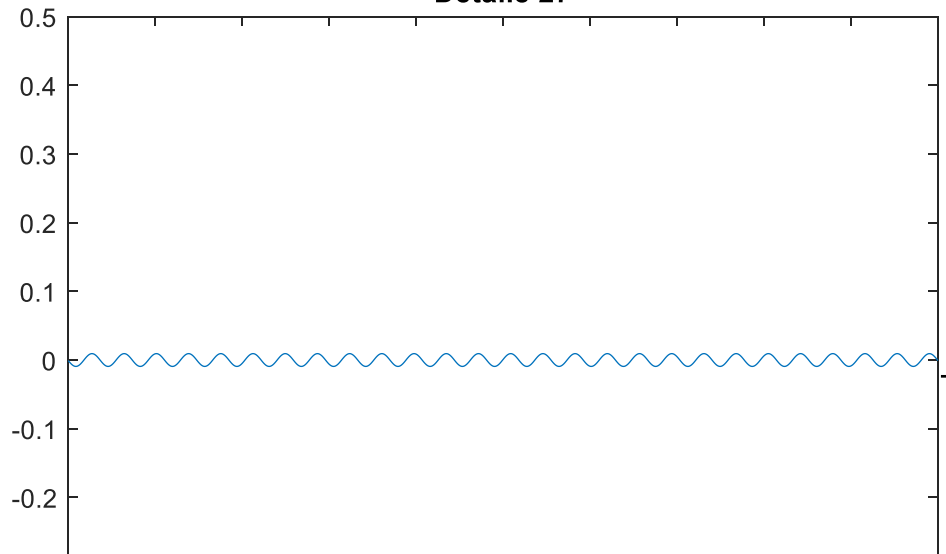
Aproximación 26



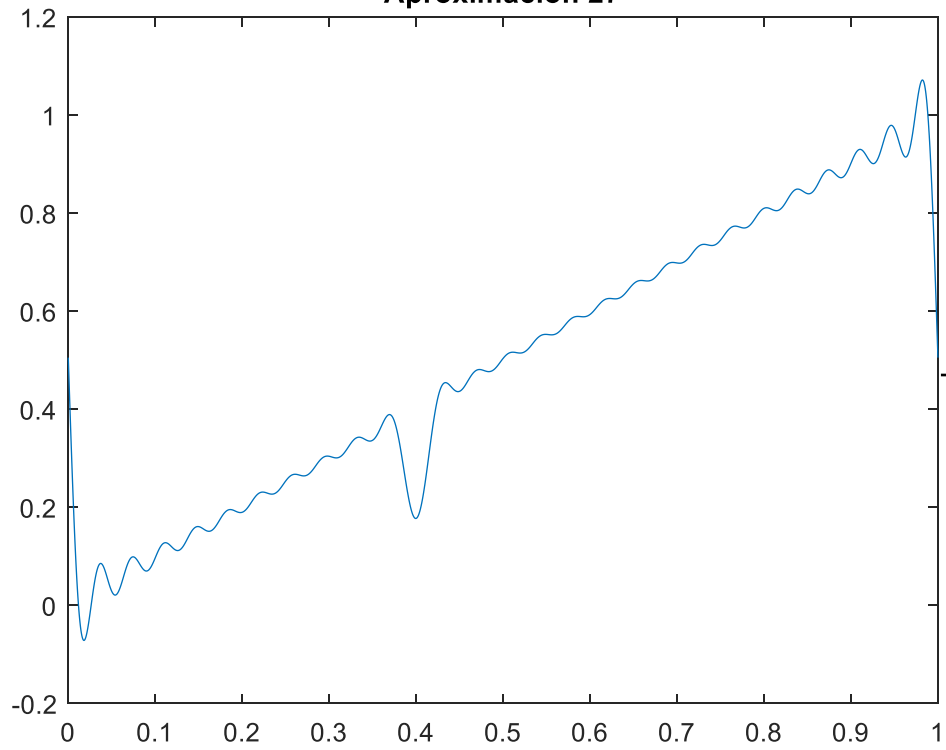
Aproximación 27



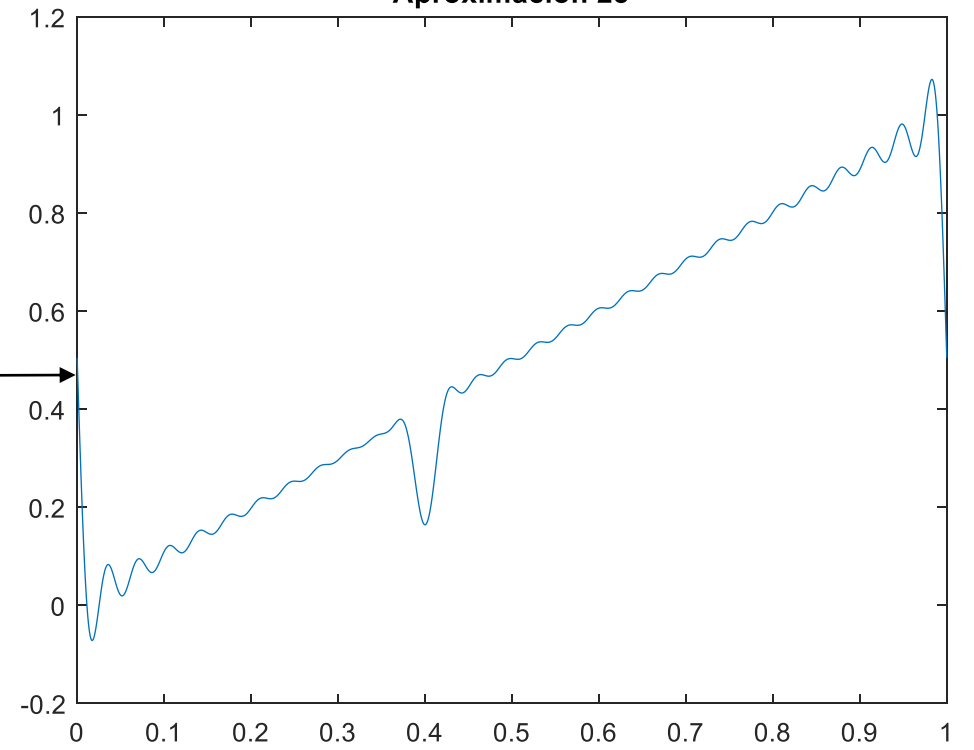
Detalle 27



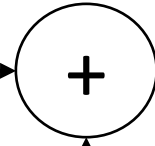
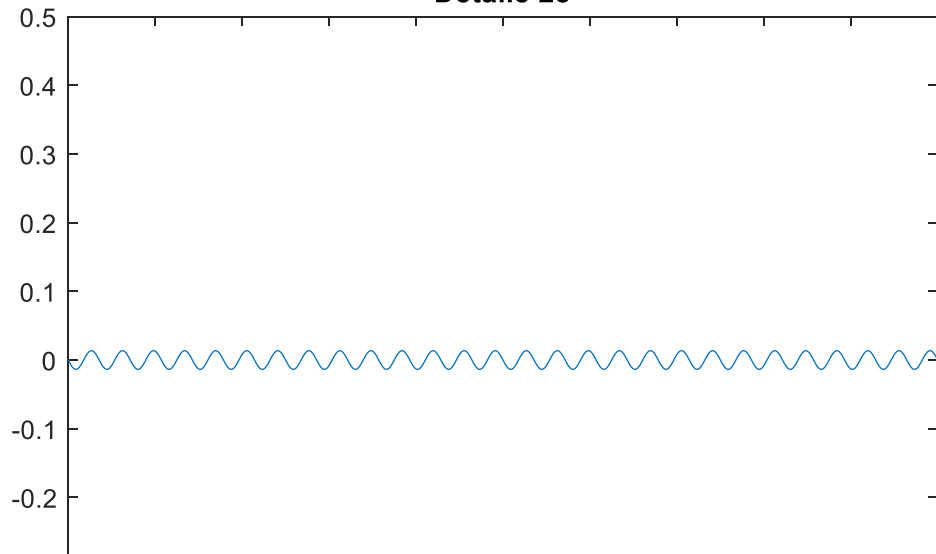
Aproximación 27



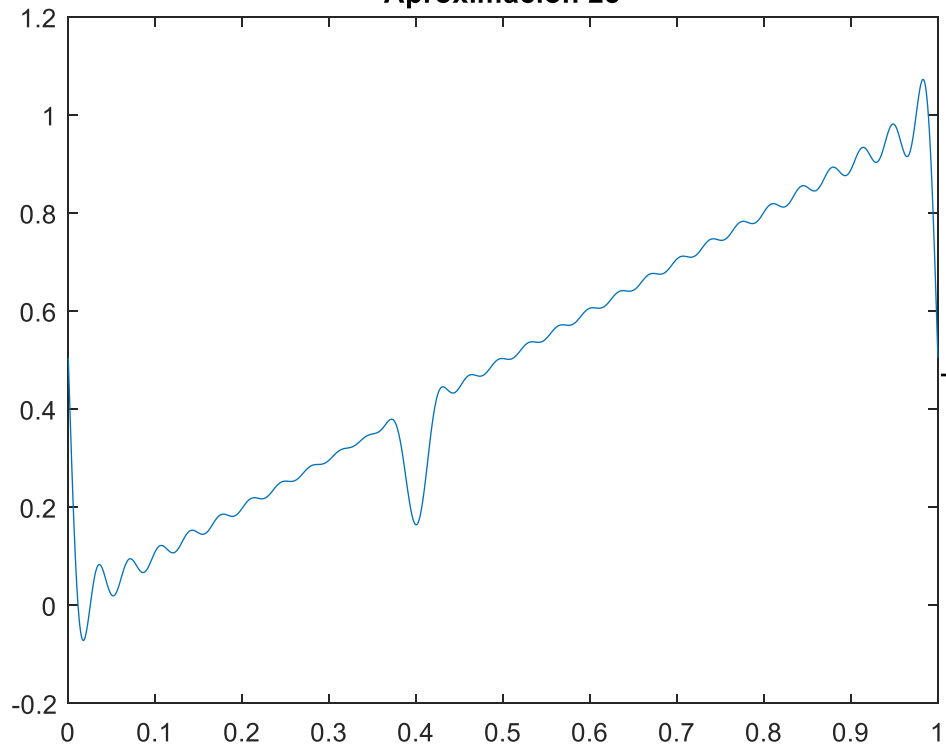
Aproximación 28



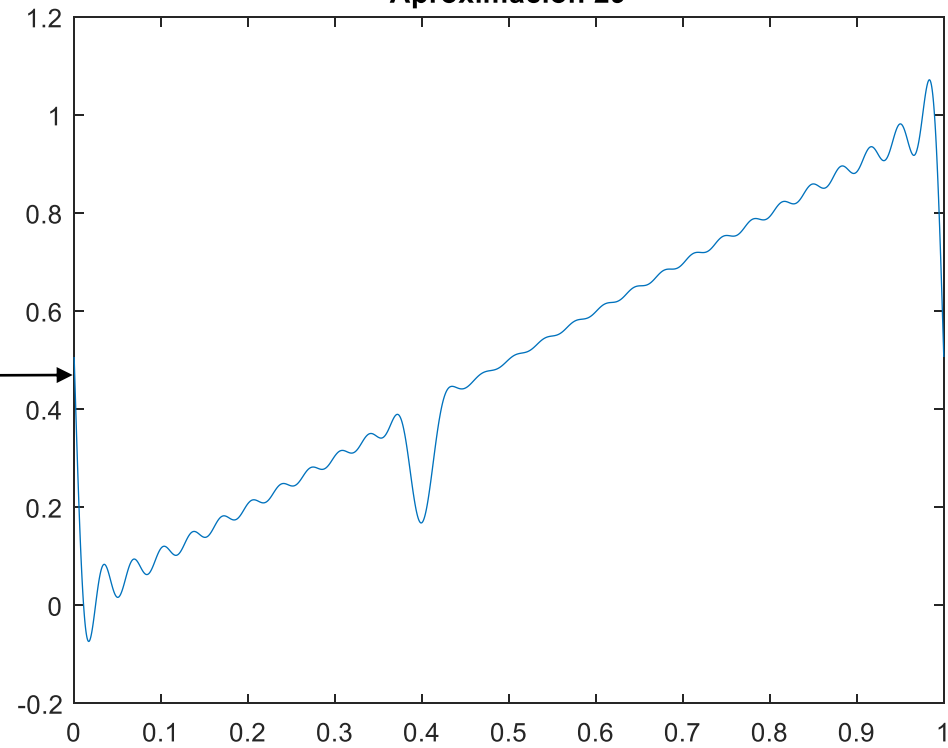
Detalle 28



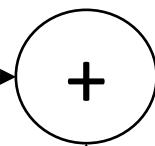
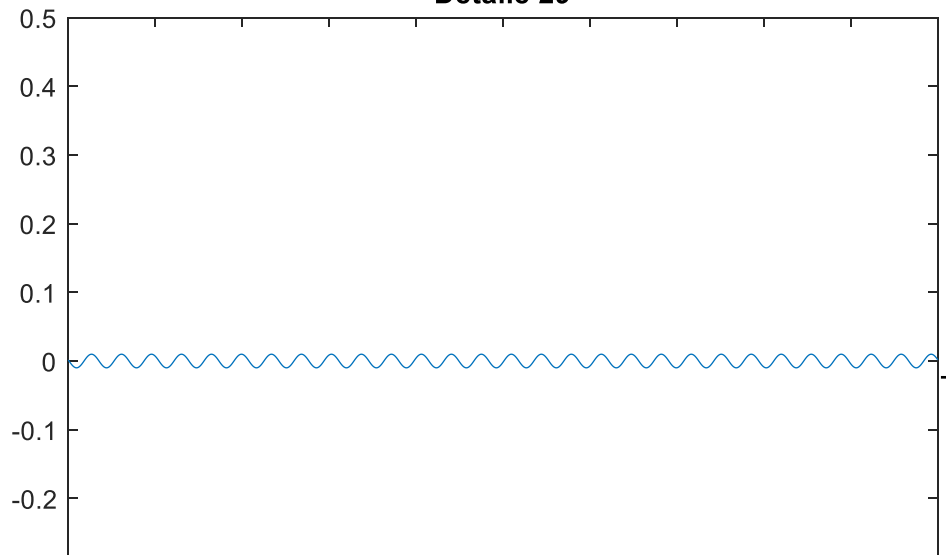
Aproximación 28



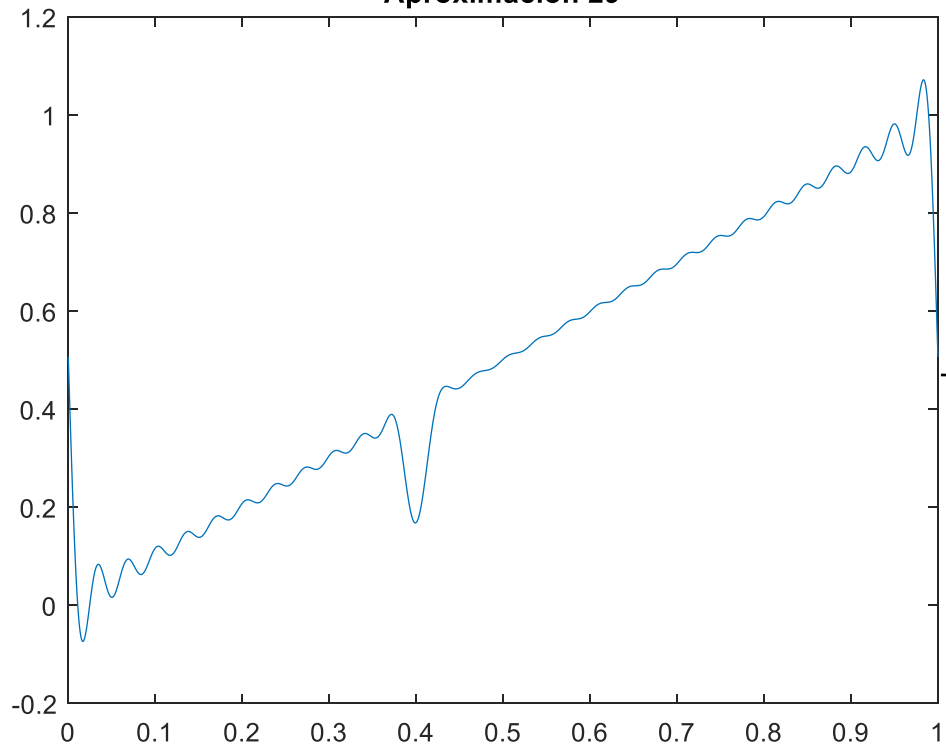
Aproximación 29



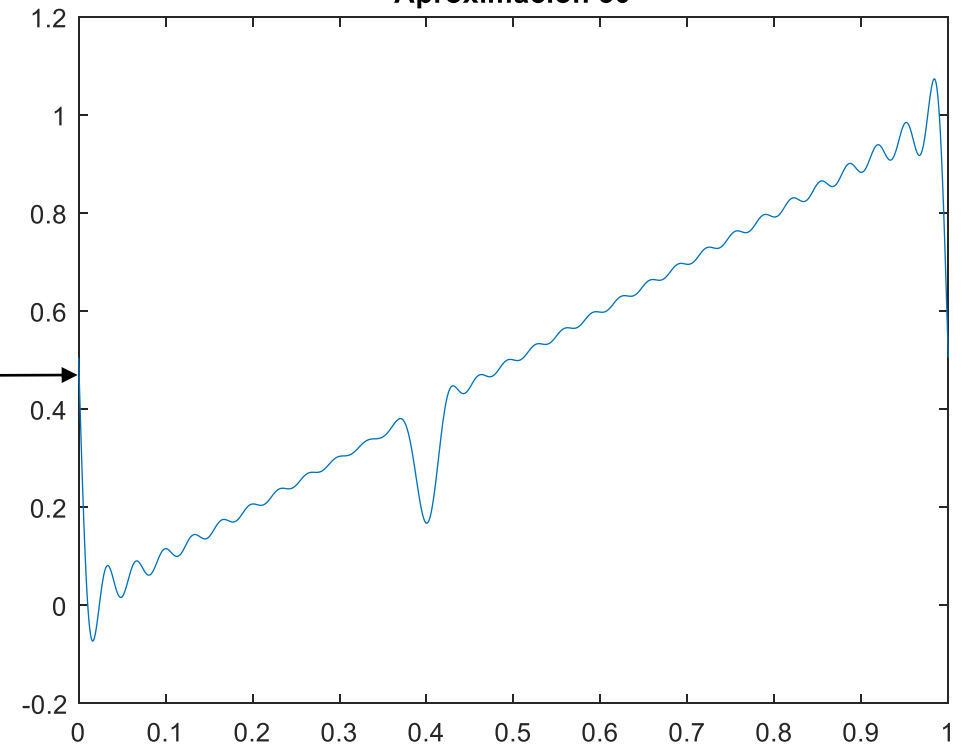
Detalle 29



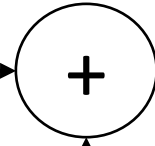
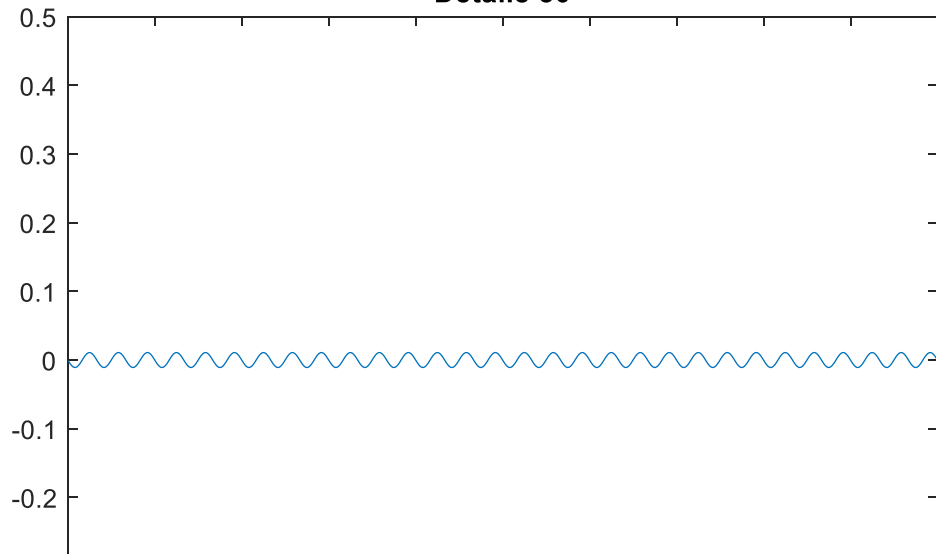
Aproximación 29



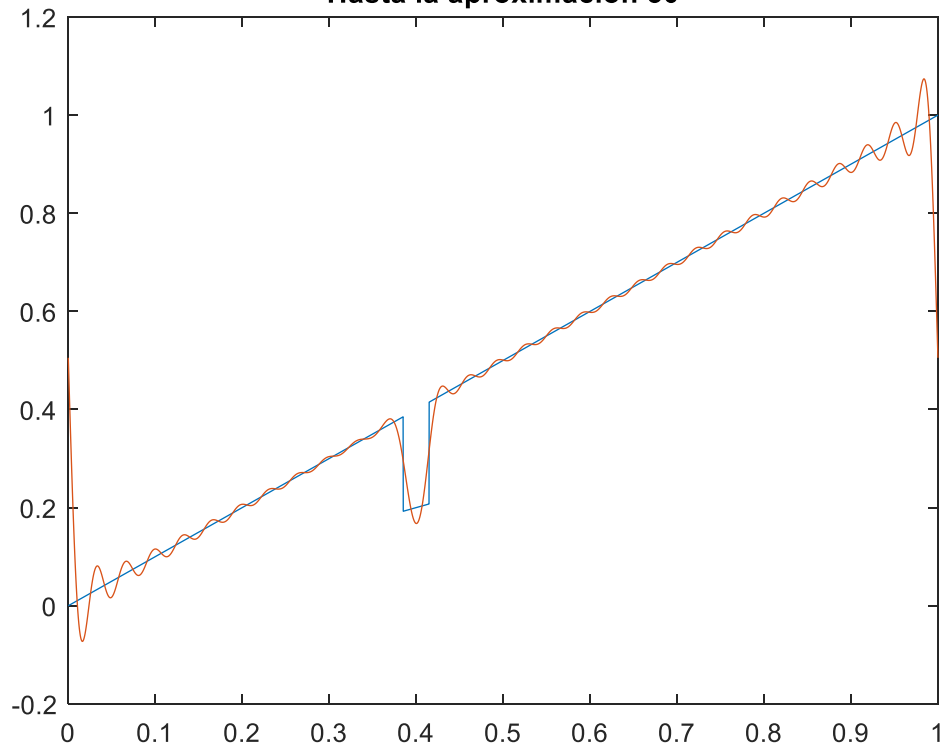
Aproximación 30



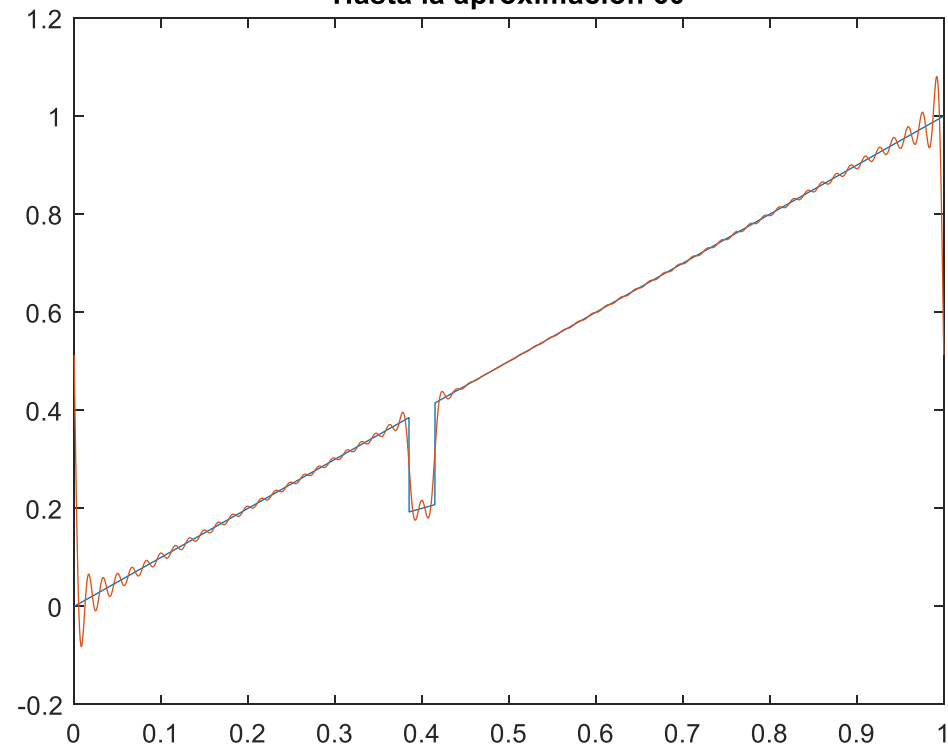
Detalle 30



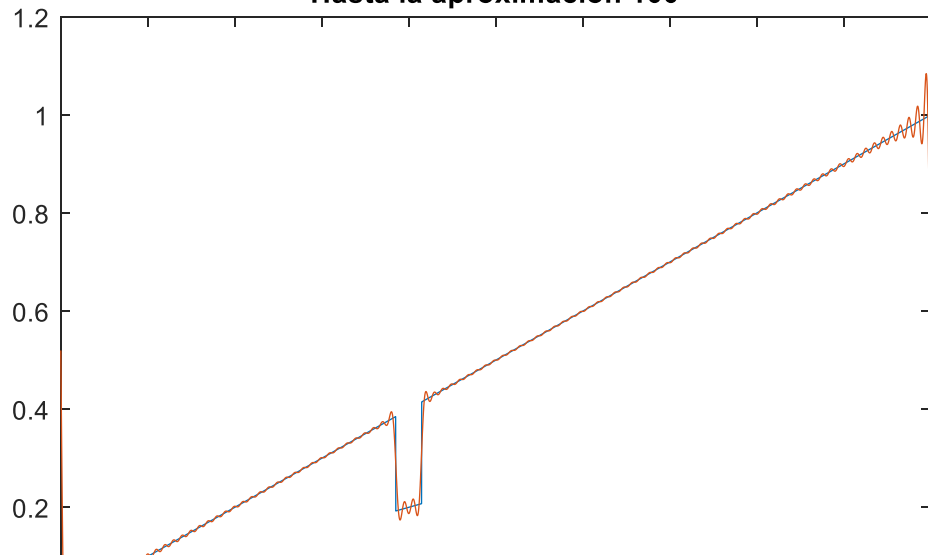
Hasta la aproximación 30



Hasta la aproximación 60



Hasta la aproximación 100



Hasta la aproximación 200

