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왕
                            Proakis & Salehi
                                                                <Your Name>
% EGR 363
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                               PS# 1
% 2.1.0 Plot the following signal
% x0(t) = rect((t - 1.875)/0.25) + u(t - 2)cos(2(pi)t)
\mbox{\%} Note: The code below calls m-files named "rect.m" and "u.m" but "cos" is built in.
 t_start = -1
 t_stop = 10;
 t_step = 0.001;
x_min = -1.2;
       = 1.2;
 x_max
 eps = 0.0001; % A small number used to prevent overlap at one sample point.
 t = [t_start : t_step : t_stop];
 plot (t, x0, 'k');
xlabel('t, (sec)');
                                            ylabel('x0(t), (volts)');
 title('x0(t) vs. t');
 axis([t_start, t_stop, x_min, x_max]);
```

