**CHAPTER 2 : Lesson 3**

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| **Objective :** | **Overlay plots**: Plot y = cosx and z =1−x2/2 + x4/24 for 0≤ x ≤ π on the same plot. You might like to read Section 6.1.5 on page 163 to learn how to plot multiple curves on the same graph. |
| **MATLAB**  **Code:** | x=linspace(0,pi,100);  y=cos(x);  z=1-x.^2/2+x.^4/24;  plot(x,y,x,z)  plot(x,y,x,z,'--')  legend('cos(x)','z') |
| **Output:** |  |