clear;

clc;

D = poly(0,'D');

g1D = 1 + D + D^2;

g2D = 1 + D^2;

mD = 1 + D^3 + D^4;

x1D = g1D \* mD;

x2D = g2D \* mD;

x1 = coeff(x1D);

x2 = coeff(x2D);

disp(modulo(x1,2), 'top.dot.sequence');

disp(modulo(x2,2), 'bottom.dot.sequence');