作业一：

draft1=2\*2^0.5/9801; %draft1 is the constant

draft=zeros(1,2); %A matrix to save the number

for i=0:1;

draft2=factorial(4\*i)\*(1103+26390\*i)/(factorial(i)^4\*396^(4\*i)); %draft2 is the answer when k=i

draft(i+1)=draft2; %save every answer

end

pi\_new0=1/(draft1\*draft(1)); %n=0 the answer of pi\_new

pi\_new1=1/(draft1\*(draft(1)+draft(2))); %n=1 the answer of pi\_new

format long

pi\_new0,pi\_new1 %print answers

delta0=pi\_new0-pi %compare with pi

delta1=pi\_new1-pi

作业二：

m=zeros(5,6); %a (5,6) matrix of zeros

m(:,6)=m(:,6)+1; %last column plus one

m(3,1:5)=1:5; %the third row

m(4,1:5)=0:2:8; %the forth row

m(5,1:5)=[8 7 2 5 9]; %the last row

m