

```

P1=[-1 1/2 1/2 0 0 ];
P2=[ 1/3 -1 0 1/3 0];
P3 =[1/3 0 -1 1/3 0 ];
P4= [0 1/3 1/3 -1 1/3 ];
P5=[0 0 0 1/2 -1 ];
P=[P1;P2;P3;P4;P5]

```

```

P = 5x5
    -1.0000    0.5000    0.5000         0         0
     0.3333   -1.0000         0     0.3333         0
     0.3333         0   -1.0000     0.3333         0
         0     0.3333     0.3333   -1.0000     0.3333
         0         0         0     0.5000   -1.0000

```

```

b = [0 -1/3 0 0 -1/2]

```

```

b = 1x5
         0    -0.3333         0         0    -0.5000

```

```

u = linsolve( P , b' );
rats(u)

```

```

ans = 5x14 char array
'      7/12      '
'      3/4       '
'      5/12      '
'      2/3       '
'      5/6       '

```