

LinkMatrix

0	1	2	0	3
1	0	0	4	0
2	0	0	5	0
0	4	5	0	6
3	0	0	6	0

KineticMatrix

0	$k_6 \cdot P$	$k_1 \cdot A$	0	k_5
k_6	0	0	0	$k_2 \cdot B$
k_1	0	0	0	0
0	$k_5 \cdot C$	k_2	0	0
k_3	0	0	$k_4 \cdot A$	0

The input file

Opened file is input5.txt

- 1 3 k1*A
- 3 1 k_1
- 1 2 k_6*P
- 2 1 k6
- 1 5 k3*B
- 5 1 k_3
- 2 4 k_5
- 4 2 k5*C
- 3 4 k2*B
- 4 3 k_2
- 4 5 k_4
- 5 4 k4*A

Expression.m

```
function [E F D] = Expression(K,Con)
```

```
%%
% user supplies the input con
A = Con(1);
B = Con(2);
C = Con(3);
P = Con(4);

%%
% user supplies the input par
```

The Patterns List : 12

- 1-2-3-4
- 1-2-3-5

Patterns Viewer

The Patterns List

- 1-2-3-4
- 1-2-3-5
- 1-2-3-6
- 1-2-4-6
- 1-2-5-6
- 1-3-4-5
- 1-3-5-6
- 1-4-5-6
- 2-3-4-5
- 2-3-4-6

Original System

Selected Pattern