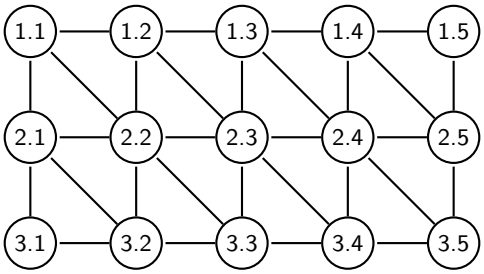
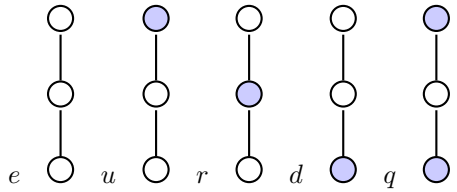
LINEAR SYSTEM TEST

1. Grafo $P_3^{(1)} \times F_5^{(1)}$



$T(n,k)$	$k=0$	1	2	3	4	5	6
0	1						
1	1	3	1				
2	1	6	6				
3	1	9	20	11	1		
4	1	12	43	52	18		
5	1	15	75	150	117	28	1



$$\begin{cases} e \longrightarrow e+u+r+d+q \\ d \longrightarrow e+u+r \\ u \longrightarrow e+d \\ q \longrightarrow e \\ r \longrightarrow e+u \end{cases}$$

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Key words and phrases. sample.tex.

TM	u	d	e	q	r
u	0	1	1	0	0
d	1	0	1	0	1
e	1	1	1	1	1
q	0	0	1	0	0
r	1	0	1	0	0

$$F(x) = \frac{(5 + 8x + 4x^2 - x^3 - x^4)}{(1 - x - 5x^2 - 4x^3 + x^5)} \ .$$

n	0	1	2	3	4	5	6	7	8	9
RS_n	5	13	42	126	387	1180	3606	11012	33636	102733