$ecc \backslash n$	1	2	3	4	5	6	7	8	9	10	11	12	13
1	1												
2													
3		2											
4			1										
5			4										
6													
7				6									
8				7									
9				2									
10					22								
11					18								
12					9								
13					2	7							
14						74							
15						74							
16						30							
17						2							
18							26						
19							160						
20							275						
21							148						
22							89						
23							12						
24							3	126					
25							2	527					
26								811					
27								716					
28								407					
29								148					
30								43	59				
31								12	596				
32								3	1820				
33								2	2675				
34									2541				
35									1884				
36									976				
37									378	9			
38									94	238			
39									21	1540			
40									5	4404			
41									2	7305			
42										8895			
43										7659			
44										6353			
45										5086			
46										2099			
47										308	44		
48										47	681		
49										4	3610		
50											9283		
51											15682		
52											22193		
53											28354		
54											28242		
55											22163		
56											18952		
57											14735		
58											7622	37	
59											2773	623	
60											782	3423	
61											113	12266	
62											31	28305	
63											10	46584	
64											3	66716	
65											2	86373	
66												99307	
67												97563	
68												87023	
69												66855	
70												48672	
71												30391	92
72												16099	2378
73												6871	12688
74												2237	35830
75												514	73960
76												165	125708
77												43	183832
78												20	244402
79												10	300730
80												3	340177
81												2	345608
82													317005
83													262492
84													201766
85													150876
86													103837
87													60218
88													26004
89													8190
90													1824
91													413
92													142
93													44
94													20
95													10
96													3
97													2
98													
99													

Tab. 1: Number of nonequivalent states with given eccentricity in graphs H_4^n

$ecc \backslash n$	1	2	3	4	5	6	7	8	9	10	11	12	13
1	1												
2													
3		2											
4			1										
5			4										
6				7									
7				8									
8					13								
9					22								
10					15	13							
11					2	71							
12						71							
13						34	120						
14						11	311						
15						2	253	1					
16							109	302					
17							47	1394					
18							13	1246					
19							2	599	198				
20								214	3073				
21								72	6891				
22								15	5087	17			
23								2	1973	1317			
24									588	10714			
25									169	29590			
26									21	28431			
27									2	12409	588		
28										3245	9994		
29										673	55602		
30										74	131481		
31										2	128028		
32											66206		
33											22800		
34											5794		
35											1314		
36											173		
37											20		
38											3		
39											2		
40													

Tab. 2: Number of nonequivalent states with given eccentricity in graphs H_5^n

$ecc \backslash n$	1	2	3	4	5	6	7	8	9	10	11	12	13
1	1												
2													
3		2											
4			1										
5			4										
6				7									
7				8	1								
8					35								
9					16	15							
10						90							
11						65	40						
12						31	258						
13						2	317	41					
14							179	707					
15							67	1351					
16							13	1207	1176				
17							2	534	4818				
18								192	6734	187			
19								62	4681	6741			
20								15	2100	28876			
21								2	769	35377	762		
22									272	21989	25000		
23									79	10527	138881		
24									17	3830	202947		
25									2	1270	135280		
26										383	63588		
27										98	24490		
28										19	7573		
29										2	2244		
30											583		
31											121		
32											21		
33											2		
34													
35													
36													
37													
38													
39													
40													

Tab. 3: Number of nonequivalent states with given eccentricity in graphs H_6^n