ent

fig1

2865

PARTITIONS EXCLUDING 1 - SEQ 113

1	2	2	4	4	7	8	12	14	21
24	34	41	55	66	88	105	137	165	210
253	320	383	478	574	708	847	1039	1238	1507
1794	2167	2573	3094	3660	4378	5170	6153	7245	8591
10087	11914	13959	16424	19196	22519	26252	30701	35717	41646
48342	56224	65121	75547	87331	101066	116600	134647	155038	178651
205343	236131	270928	310962	356169	408046	466610	533623	609237	695578

HPR 7 DECEMBER 1971

Generating Function

$$\sum_{n=0}^{\infty} r(n)x^n = \prod_{n=2}^{\infty} (1 - x^n)^{-1}$$

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

√ (have all)

2865 = N113

PARTITIONS EXCLUDING 1 SEQ 113

n	p(n)	n	p(n)
0	1		
1	0	51	35717
2	1	52	41646
3	1	53	48342
4	2	54	56224
5	2	55	65121
6	4	56	75547
7	4	57	87331
8	7	58	101066
9	8	59	116600
10	12	60	134647
11	14	61	155038
12	21	62	178651
13	24	63	205343
14	34	64	236131
15	41	65	270928
16	55	66	310962
17	66	67	356169
18	88	68	408046
19	105	69	466610
20	137	70	533623
21	165	71	609237
22	210	72	695578
23	253	73	792906
24	320	74	903811
25	383	75	1028764
26	478	76	1170827
27	574	77	1330772
28	708	78	1512301
29	847	79	1716486
30	1039	80	1947826
31	1238	81	2207851
32	1507	82	2501928
33	1794	83	2832214
34	2167	84	3205191
35	2573	85	3623697
36	3094	86	4095605
37	3660	87	4624711
38	4378	88	5220436
39	5170	89	5887816
40	6153	90	6638248
41	7245	91	7478186
42	8591	92	8421448
43	10087	93	9476370
44	11914	94	10659543
45	13959	95	11981699
46	16424	96	13462885
47	19196	97	15116626
48	22519	98	16967206
49	26252	99	19031739
50	30701	100	21339417

H.P. Robinson 10 December 1973