

TABLE 7. Observed and calculated structure factors for orthopyroxene SDM N.7 heated 47h

40' 900°C (space group *Pbca*) (\* = unobserved reflections with  $I > 3\sigma I$ )

H	K	L	/F <sub>0</sub> /	/FC <sub>1</sub> /	H	K	L	/F <sub>0</sub> /	/FC <sub>1</sub> /	H	K	L	/F <sub>0</sub> /	/FC <sub>1</sub> /
2	0	0*	2.3	3.4	2	4	0	42.2	-42.3	10	8	0	32.3	33.1
4	0	0	74.9	-73.1	4	4	0	93.0	-93.0	12	8	0	23.0	-27.7
6	0	0	27.7	-28.4	6	4	0*	3.4	3.1	14	8	0*	2.7	-1.9
8	0	0	17.2	4.2	8	4	0	62.7	-43.7	16	8	0	56.8	56.6
10	0	0	6.3	5.4	10	4	0	43.4	44.2	18	8	0*	4.9	-4.9
12	0	0	216.4	-211.7	12	4	0	35.4	-31.8	2	9	0	21.9	21.5
14	0	0	38.4	-38.1	14	4	0*	4.1	1.9	4	9	0*	6.7	-9.7
16	0	0	143.7	143.4	16	4	0	76.3	76.5	6	9	0	14.8	-1.6
18	0	0	11.6	11.9	18	4	0*	.0	-2.0	8	9	0	22.5	-23.6
20	0	0	150.9	-150.0	20	4	0	42.8	-44.0	10	9	0	33.6	33.2
22	0	0	18.1	-17.1	22	4	0	25.4	-24.9	12	9	0*	4.4	1.1
24	0	0	27.9	-29.5	24	4	0	35.2	34.9	14	9	0*	13.6	13.2
2	4	0	24.3	-22.2	2	5	0	-172.6	-162.6	16	9	0*	.0	-.5
4	4	0	10.9	10.6	4	5	0	7.7	-7.1	18	9	0	22.9	23.2
6	4	0	199.9	-196.8	6	5	0	148.9	-140.6	0	10	0	76.7	-66.5
8	4	0*	4.1	-2.9	8	5	0	48.4	-16.7	2	10	0	13.8	17.1
10	4	0	94.7	-90.3	10	5	0	45.0	-46.7	4	10	0	33.3	-32.1
12	4	0	4.1	-4.9	12	5	0	17.7	-18.3	6	10	0*	3.1	3.3
14	4	0	99.1	101.2	14	5	0	198.2	-189.4	8	10	0	53.7	-42.9
16	4	0*	6.2	-6.3	16	5	0	7.3	10.0	10	10	0*	2.9	1.0
18	4	0	32.2	-34.2	18	5	0	53.6	54.8	12	10	0	17.3	13.9
20	4	0	19.4	-19.1	20	5	0	31.9	32.3	14	10	0*	.0	.0
22	4	0	24.0	20.5	22	5	0*	23.0	-21.9	2	11	0	80.1	79.6
24	4	0	22.0	-20.9	0	6	0	320.7	325.8	4	11	0	21.8	21.8
0	2	0	22.6	-23.1	2	6	0	20.0	18.6	6	11	0	92.5	-94.7
2	2	0*	4.1	3.9	4	6	0	44.0	-39.3	8	11	0*	5.3	1.6
4	2	0	176.1	-171.8	6	6	0	19.2	-19.4	10	11	0	29.0	-23.5
6	2	0	18.3	-18.5	8	6	0	80.2	80.5	12	11	0*	3.4	-.7
8	2	0	74.5	76.6	10	6	0	18.2	-17.2	0	12	0	114.8	111.7
10	2	0	28.5	29.6	12	6	0	102.4	-105.5	2	12	0*	7.1	-10.6
12	2	0*	16.1	-14.5	14	6	0	30.3	-30.6	4	12	0	19.1	16.3
14	2	0*	3.6	-2.3	16	6	0	66.2	67.7	6	12	0	6.5	5.3
16	2	0	77.1	79.5	18	6	0	13.4	14.3	1	1	1	8.9	-7.6
18	2	0	15.0	13.8	20	6	0	132.2	-132.3	2	1	1	47.3	-47.8
20	2	0	22.2	-22.5	22	6	0*	6.3	-2.0	3	1	1	14.6	11.9
22	2	0	19.6	-20.4	2	7	0	30.9	33.0	4	1	1	52.3	54.7
24	2	0	40.5	37.8	4	7	0	44.6	45.7	5	1	1	98.7	94.5
2	3	0	21.7	-21.8	6	7	0	24.2	24.5	6	1	1	62.7	65.3
4	3	0	26.9	27.4	8	7	0	7.5	7.7	7	1	1	68.4	-60.7

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
19	1	1	9.5	-11.2	18	3	1	52.8	-52.3	19	5	1	5.9	6.7
20	1	1*	7.1	-6.0	19	3	1*	30.7	27.6	20	5	1*	6.7	-5.3
21	1	1	30.4	30.1	20	3	1	16.0	-17.8	21	5	1	31.9	31.4
22	1	1*	6.4	-1.2	21	3	1	60.9	65.0	22	5	1*	4.7	1.8
23	1	1*	11.2	-10.8	22	3	1	79.7	81.7	23	5	1*	-9.1	-7.6
24	1	1*	5.0	-3.8	23	3	1	17.4	-19.4	24	6	1	34.3	35.6
25	1	1	18.7	-18.9	24	3	1	31.8	-30.3	1	6	1*	36.8	-30.2
0	2	1	22.6	23.1	0	4	1*	3.4	4.4	2	6	1	5.5	-6.7
1	2	1	55.5	55.7	1	4	1	81.1	-74.7	3	6	1	-20.4	21.9
2	2	1	124.6	-125.8	2	4	1	76.7	81.4	4	6	1	-6.1	-6.5
3	2	1*	131.1	-114.8	3	4	1	27.2	27.4	5	6	1*	-16.0	-12.1
4	2	1	102.5	-106.8	4	4	1	27.6	28.1	6	6	1	-8.9	-10.3
5	2	1	113.6	103.0	5	4	1	65.3	-66.4	7	6	1*	-25.6	-21.8
6	2	1	13.1	-12.9	6	4	1	23.6	23.9	8	6	1*	.0	-1.6
7	2	1	75.9	72.8	7	4	1	23.3	-23.8	9	6	1*	16.5	-1.4
8	2	1	72.1	78.2	8	4	1	15.0	15.2	10	6	1	-8.7	-10.0
9	2	1*	25.0	-21.2	9	4	1*	21.7	-12.0	11	6	1*	-22.3	-19.2
10	2	1	26.1	26.3	10	4	1	5.6	-6.3	12	6	1	26.6	-26.2
11	2	1*	36.1	-29.9	11	4	1*	.0	-.8	13	6	1	6.8	-6.8
12	2	1	43.5	-47.2	12	4	1*	3.1	-1.1	14	6	1	13.3	-13.6
13	2	1*	54.9	45.7	13	4	1	9.0	-8.1	15	6	1*	8.7	-4.0
14	2	1	9.2	8.1	14	4	1	25.5	-27.0	16	6	1	8.8	10.0
15	2	1	41.7	40.2	15	4	1*	.0	-2.5	17	6	1*	14.4	-8.4
16	2	1	59.2	60.6	16	4	1	32.2	-32.0	18	6	1*	.0	-.6
17	2	1	45.5	-44.7	17	4	1	24.8	25.0	19	6	1*	18.3	-12.1
18	2	1	40.5	39.2	18	4	1	27.2	-27.3	20	6	1*	6.9	-5.9
19	2	1*	3.4	1.5	19	4	1	23.8	-24.8	21	6	1*	10.9	9.2
20	2	1*	4.2	-5.5	20	4	1	21.8	-22.4	22	6	1*	8.8	-8.4
21	2	1	25.2	-25.6	21	4	1	25.5	26.4	1	7	1*	30.6	2.8
22	2	1	45.5	43.9	22	4	1	40.5	-39.3	2	7	1	12.3	16.7
23	2	1	59.5	59.5	23	4	1	33.0	-33.5	3	7	1*	36.2	-26.2
24	2	1	44.4	43.4	24	4	1	15.3	-14.9	4	7	1	21.8	23.5
25	2	1	41.4	-42.3	1	5	1*	19.5	-4.0	5	7	1	44.4	46.4
1	3	1	148.5	-143.1	2	5	1	61.5	-63.6	6	7	1	36.7	35.9
2	3	1	97.5	-97.7	3	5	1	33.8	35.3	7	7	1	22.9	-23.6



H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
7	3	2	19.2	-20.0	9	5	2	-113.6	-113.5	15	7	2x	6.1	2.6
8	3	2x	22.3	-16.9	10	5	2x	-3.2	-1.8	16	7	2	22.6	-21.2
9	3	2	7.9	8.5	11	5	2	-70.7	74.9	17	7	2x	6.4	5.8
10	3	2x	5.7	5.3	12	5	2	-99.9	96.8	18	7	2x	.0	-2.9
11	3	2	15.8	17.0	13	5	2	-32.1	32.8	19	7	2	-13.0	14.6
12	3	2	-21.6	3.3	14	5	2	8.8	8.0	20	7	2x	8.0	6.6
13	3	2	8.2	8.1	15	5	2	-31.6	-33.7	0	8	2x	3.3	-1.9
14	3	2x	-3.0	1.1	16	5	2x	41.3	28.5	1	8	2	35.1	36.4
15	3	2	7.1	7.2	17	5	2	62.0	-65.1	2	8	2	-20.3	12.3
16	3	2x	-15.3	4.0	18	5	2	-13.7	-14.7	3	8	2	-29.8	29.3
17	3	2	-15.4	-16.2	19	5	2	-20.9	-22.0	4	8	2	-9.9	-9.2
18	3	2x	-1.4	-3.7	20	5	2x	-18.5	-16.2	5	8	2	-22.2	-22.8
19	3	2x	-7.6	-6.8	21	5	2	-15.3	-17.2	6	8	2	-22.8	-18.6
20	3	2x	6.2	-6.4	22	5	2	-18.2	-17.9	7	8	2	-37.6	-37.0
21	3	2x	6.4	7.2	0	6	2x	4.0	-3.7	8	8	2x	.0	-1.2
22	3	2x	-6.2	3.6	1	6	2	-11.9	-12.8	9	8	2	-22.9	21.5
23	3	2x	8.3	-8.9	2	6	2	-144.1	-141.0	10	8	2x	-16.0	-2.3
24	3	2x	6.6	-4.8	3	6	2	-113.5	-118.6	11	8	2	-23.4	-24.2
0	4	2	20.2	-19.2	4	6	2	10.3	-11.0	12	8	2x	.0	.7
1	4	2	49.4	51.4	5	6	2	-90.0	-92.3	13	8	2	-34.0	-34.7
2	4	2	70.9	65.5	6	6	2x	6.3	-1.2	14	8	2	-21.6	-16.5
3	4	2	24.8	-27.8	7	6	2	73.6	-73.2	15	8	2	32.5	-31.3
4	4	2x	5.3	4.1	8	6	2	-11.6	-10.8	16	8	2	7.9	-7.1
5	4	2	26.8	-27.9	9	6	2	-110.3	-113.0	17	8	2x	.0	1.9
6	4	2	43.7	41.7	10	6	2x	42.3	36.8	18	8	2	-19.1	-18.4
7	4	2	54.5	-56.5	11	6	2	-93.9	-99.8	1	9	2	22.9	-23.6
8	4	2	6.6	-8.5	12	6	2	13.1	12.8	2	9	2	12.5	-12.1
9	4	2x	3.6	-2.9	13	6	2	14.3	-12.9	3	9	2x	-2.5	1.9
10	4	2x	21.3	-3.7	14	6	2x	8.8	2.5	4	9	2	-14.0	-12.6
11	4	2	23.3	22.3	15	6	2	-35.7	-38.0	5	9	2	-8.5	-7.8
12	4	2x	6.0	-5.1	16	6	2	10.8	10.1	6	9	2x	3.2	-3.4
13	4	2	19.7	-20.2	17	6	2	-37.9	-39.4	7	9	2	9.3	-8.3
14	4	2	23.7	-25.8	18	6	2	21.1	20.5	8	9	2x	-14.5	-12.9
15	4	2	13.6	-18.6	19	6	2	-33.1	-34.5	9	9	2x	-3.3	1.3
16	4	2	9.1	-7.7	20	6	2x	-11.3	-10.2	10	9	2	-10.4	8.5

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
9	10	0	9.4	-12.1	9	0	0	34.4	35.2	12	4	0	26.6	28.0
10	10	0*	36.0	6.7	9	0	0	15.0	-16.0	13	4	0	51.9	31.2
11	10	0	16.0	-21.0	10	0	0	21.0	-22.9	14	4	0	8.5	9.3
12	10	0	10.0	-11.0	11	0	0*	8.2	-0.6	15	4	0	17.0	16.5
13	10	0*	3.2	6.6	12	0	0	55.7	-56.0	16	4	0	6.0	8.7
14	11	0	10.0	-13.3	13	0	0	69.0	-65.2	17	4	0*	11.7	4.5
15	11	0*	3.6	-3.6	14	0	0	11.1	-11.0	18	4	0	7.6	-7.9
16	11	0	69.0	71.7	15	0	0*	54.7	-56.0	19	4	0*	9.2	-8.9
17	11	0	14.7	6.7	16	0	0	15.6	18.0	20	4	0	30.1	31.7
18	11	0	46.0	48.3	17	0	0	14.0	14.5	21	4	0*	9.1	-11.2
19	11	0*	7.7	7.2	18	0	0	13.4	16.0	22	4	0	15.0	-14.1
20	11	0	37.0	-36.0	19	0	0	45.5	47.9	1	5	0	31.2	30.2
21	11	0	51.7	50.7	20	0	0	63.0	-66.0	2	5	0	63.1	-66.0
22	11	0	31.2	-31.4	21	0	0*	25.6	-24.2	3	5	0	63.3	-65.7
23	11	0*	4.5	-2.5	22	0	0	8.5	7.0	4	5	0	15.4	-16.2
24	12	0*	3.5	-2.7	23	0	0	12.7	13.1	5	5	0	32.2	-28.4
25	12	0*	2.0	-2.0	1	3	0	-103.4	100.0	6	5	0	14.4	-16.1
26	12	0	64.0	-62.9	2	3	0	-106.0	-109.9	7	5	0*	23.4	-2.9
27	12	0	43.5	44.7	3	3	0	36.6	-36.5	8	5	0*	4.0	-3.0
28	1	1	28.6	-28.6	4	3	0	25.4	20.0	9	5	0	37.3	-39.9
29	1	1	61.7	-64.6	5	3	0	72.0	-71.0	10	5	0	39.0	-40.7
30	1	1	70.7	-68.0	6	3	0	121.3	126.4	11	5	0	18.0	-12.9
31	1	0*	3.0	-2.2	7	3	0	77.2	72.5	12	5	0*	.0	-.9
32	1	0	39.0	-39.7	8	3	0	10.3	11.2	13	5	0*	22.5	-21.0
33	1	0	27.0	-27.6	9	3	0	11.7	7.6	14	5	0	24.7	26.1
34	1	0	19.1	-16.4	10	3	0	32.9	33.4	15	5	0	33.5	34.1
35	1	0	9.0	10.7	11	3	0	23.1	-25.4	16	5	0	13.6	13.3
36	1	0	46.5	44.7	12	3	0	32.6	-30.9	17	5	0	36.9	36.6
37	1	0	56.9	-55.2	13	3	0	-109.7	-110.5	18	5	0	25.0	-25.3
38	1	0*	28.0	-22.4	14	3	0	128.9	132.4	19	5	0	8.6	-9.4
39	1	0*	2.5	-1.8	15	3	0	67.0	61.0	20	5	0*	7.6	4.2
40	1	0*	9.0	-6.4	16	3	0	14.6	-15.9	21	5	0*	13.3	-12.0
41	1	0*	2.1	.1	17	3	0	42.4	44.0	0	6	0	8.1	11.3
42	1	0	23.0	24.0	18	3	0	33.4	-36.6	1	6	0*	13.7	14.4
43	1	0	11.0	12.0	19	3	0	54.0	-56.4	2	6	0	25.2	26.2
44	1	0	46.4	48.0	20	3	0	16.6	-16.9	3	6	0*	25.1	16.9
45	1	0	29.1	-30.2	21	3	0	73.0	-66.5	4	6	0	15.6	-16.6
46	1	0*	.0	-2.9	22	3	0	25.1	22.2	5	6	0*	12.9	-10.6
47	1	0*	5.6	5.3	0	4	0	114.4	-116.5	6	6	0*	6.4	-7.2
48	1	0*	7.9	-8.4	1	4	0	48.1	-46.0	7	6	0*	5.0	.1
49	1	0*	6.3	6.4	2	4	0	9.6	-10.1	8	6	0	10.1	-13.4
50	1	0	1.1	1.0	3	4	0	47.0	42.6	9	6	0*	9.5	-5.7

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
18	6	3	9.7	10.9	13	9	3	69.3	-69.8	9	4	4	25.5	27.5
19	6	3*	4.2	3.6	14	9	3	90.1	-81.2	10	1	4	77.8	78.1
20	6	3	9.8	10.4	0	10	3	23.1	-22.4	11	1	4	60.7	-61.7
1	7	3*	31.9	-13.6	1	10	3	-15.3	-13.0	12	1	4	-8.4	-5.7
2	7	3	8.8	-6.7	2	10	3*	5.0	4.5	13	1	4	11.7	12.2
3	7	3	19.2	-19.3	3	10	3	35.3	37.0	14	1	4*	14.0	13.5
4	7	3	20.4	-20.9	4	10	3	40.7	-42.1	15	1	4	29.2	-30.4
5	7	3*	24.0	-19.9	5	10	3*	4.9	-4.2	16	1	4*	5.6	-4.4
6	7	3	27.5	-28.3	6	10	3*	4.3	-4.3	17	1	4*	.0	-4.0
7	7	3*	31.8	-20.6	7	10	3*	16.3	5.4	18	1	4	26.7	23.1
8	7	3	16.7	17.5	8	10	3	8.8	9.7	19	1	4	18.3	-17.1
9	7	3	18.1	16.9	9	10	3	16.4	19.9	20	1	4*	2.0	-4.6
10	7	3	37.6	-38.4	10	10	3*	5.0	3.5	21	1	4*	11.6	-12.6
11	7	3	17.0	-17.7	11	10	3	37.4	37.0	0	2	4	52.7	-51.3
12	7	3*	6.1	-5.2	1	11	3*	10.3	-6.1	1	2	4	28.7	30.6
13	7	3*	32.8	24.3	2	11	3	26.3	-24.1	2	2	4*	.0	-2.8
14	7	3	36.1	-37.7	3	11	3	18.4	-16.1	3	2	4*	6.1	-4.2
15	7	3*	23.4	-6.7	4	11	3*	3.3	-1.8	4	2	4	45.5	-44.8
16	7	3*	3.0	.0	5	11	3	25.1	-23.9	5	2	4	58.8	62.0
17	7	3	32.7	31.7	6	11	3*	2.9	-1.8	6	2	4*	3.4	3.9
18	7	3	16.2	-15.5	0	0	4	90.0	-92.0	7	2	4	30.2	30.6
0	8	3	124.7	128.1	1	0	4	117.0	-119.0	8	2	4	69.2	-68.6
1	8	3	73.8	71.3	2	0	4	6.9	-6.5	9	2	4	9.2	10.4
2	8	3	11.3	-11.8	3	0	4	58.8	60.7	10	2	4	9.9	-9.7
3	8	3	32.1	30.9	4	0	4	169.6	161.6	11	2	4*	3.6	.2
4	8	3	5.3	-6.9	5	0	4	24.7	-24.4	12	2	4	33.6	35.6
5	8	3	31.6	-32.0	6	0	4	16.7	16.4	13	2	4*	4.5	-3.2
6	8	3	8.3	-11.3	7	0	4	39.6	-41.0	14	2	4	14.7	14.7
7	8	3	80.6	-74.9	8	0	4	127.4	-126.6	15	2	4	23.4	25.0
8	8	3	51.6	54.1	9	0	4	38.5	-41.8	16	2	4	17.5	-15.5
9	8	3*	13.4	11.1	10	0	4	10.4	-9.5	17	2	4*	4.2	-5.4
10	8	3*	4.1	.6	11	0	4	95.3	-98.8	18	2	4*	7.2	-9.1
11	8	3*	10.0	-4.7	12	0	4	-115.7	-109.9	19	2	4*	11.0	-5.2
12	8	3	41.9	-43.5	13	0	4	37.6	-38.3	20	2	4	43.1	43.6
13	8	3	54.4	-54.7	14	0	4*	5.4	5.8	21	2	4*	3.5	-3.1

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
16	0	4*	.0	2.1	8	6	4	20.3	-20.3	7	9	4*	.0	1.6
17	0	4*	.0	5.9	6	6	4	10.7	-12.2	8	9	4*	6.0	6.1
18	0	4*	11.0	-5.5	7	6	4	11.7	-12.4	9	9	4	27.4	27.7
19	0	4*	5.6	-8.6	8	6	4	84.4	-91.6	10	9	4*	6.5	-6.6
20	0	4*	.0	-4.0	9	6	4	49.0	-50.5	11	9	4	6.0	-8.6
0	4	4	54.4	-55.2	10	6	4*	6.6	-3.6	0	10	4	20.4	-14.4
1	4	4	6.7	6.4	11	6	4	56.3	-57.3	1	10	4	20.6	23.9
2	4	4*	5.3	-8.6	12	6	4	70.1	63.3	2	10	4*	7.1	-7.6
3	4	4	10.6	-10.5	13	6	4	42.6	-43.9	3	10	4	20.7	-22.7
4	4	4*	-14.7	-4.4	14	6	4*	.4	.2	4	10	4*	36.9	-25.0
5	4	4	47.9	-48.1	15	6	4*	8.4	-11.3	5	10	4	22.6	24.5
6	4	4*	4.4	3.8	16	6	4	60.6	-57.1	6	10	4*	.0	4.0
7	4	4*	5.2	-4.3	17	6	4	8.1	4.3	1	1	5*	23.1	21.5
8	4	4*	23.7	-18.7	1	7	4	34.4	34.6	2	1	5	22.8	24.3
9	4	4	40.2	42.3	2	7	4*	20.4	-18.5	3	1	5	11.6	9.4
10	4	4*	3.4	-4.1	3	7	4	28.2	28.1	4	1	5	20.2	21.6
11	4	4	9.4	-8.7	4	7	4*	5.4	-3.7	5	1	5*	10.7	5.4
12	4	4*	34.0	25.8	5	7	4	13.4	-15.3	6	1	5	54.1	-54.6
13	4	4	20.5	22.8	6	7	4	22.3	21.9	7	1	5	30.0	29.4
14	4	4	13.5	13.3	7	7	4*	3.0	-.5	8	1	5	16.6	-17.4
15	4	4	39.5	39.2	8	7	4*	6.4	5.0	9	1	5*	24.3	21.9
16	4	4*	18.5	-7.1	9	7	4	25.6	26.6	10	1	5	16.0	16.2
17	4	4	15.7	-14.3	10	7	4*	13.8	12.6	11	1	5	10.4	-10.3
18	4	4*	-7.8	-8.0	11	7	4	44.8	-44.1	12	1	5	31.1	28.8
19	4	4	27.0	27.2	12	7	4*	.0	.9	13	1	5	20.8	-21.2
20	4	4	19.5	18.2	13	7	4	10.2	11.3	14	1	5	32.7	-33.2
1	5	4	44.5	-45.7	14	7	4	31.5	31.3	15	1	5	13.2	-14.3
2	5	4	58.9	-79.8	15	7	4	36.9	-38.5	16	1	5*	5.2	.6
3	5	4	51.3	-52.6	16	7	4	12.4	12.9	17	1	5	11.0	-10.2
4	5	4*	4.6	-3.0	0	8	4	40.2	-36.3	18	1	5*	9.4	6.7
5	5	4	26.7	-27.4	1	8	4	7.6	-7.6	0	2	5*	4.4	-3.9
6	5	4	56.8	60.9	2	8	4*	.0	1.1	1	2	5*	32.5	24.5
7	5	4	38.3	28.3	3	8	4	11.0	11.3	2	2	5	32.1	-33.5
8	5	4*	6.1	3.2	4	8	4	32.3	30.2	3	2	5	23.6	20.6
9	5	4	20.9	-22.2	5	8	4	29.9	28.3	4	2	5	69.3	71.3
10	5	4	109.6	-105.7	6	8	4*	3.0	-1.6	5	2	5	22.5	-23.1
11	5	4	58.6	57.0	7	8	4*	7.0	6.7	6	2	5	18.3	-15.7
12	5	4	12.6	-12.5	8	8	4	40.6	-39.4	7	2	5*	.0	2.0
13	5	4	46.6	-47.6	9	8	4	20.1	19.5	8	2	5	32.8	-31.1
14	5	4	33.6	34.0	10	8	4	8.8	-9.4	9	2	5*	67.5	67.4
15	5	4	45.5	46.1	11	8	4	11.6	-10.6	10	2	5	8.1	-8.5
					12	8	4	20.1	20.0	11	2	5	73.9	70.9

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
2	0	5	59.2	-72.1	1	6	5	9.6	-7.6	10	0	6	22.6	23.8
3	0	5	95.9	-90.0	2	6	5	17.0	17.1	11	0	6*	9.9	-12.4
4	0	5	12.0	-14.6	3	6	5*	14.4	-10.9	12	0	6	13.8	-14.3
5	0	5	54.4	-49.7	4	6	5*	4.5	2.3	13	0	6	74.5	75.0
6	0	5	73.6	-76.0	5	6	5*	21.9	-19.9	14	0	6*	47.8	-4.2
7	0	5	34.5	-34.2	6	6	5*	.0	4.3	1	1	6	64.6	-67.0
8	0	5	47.9	-47.4	7	6	5*	22.1	-18.6	2	1	6*	.0	-2.9
9	0	5	45.4	45.5	8	6	5	11.1	-9.7	3	1	6	13.7	-15.6
10	0	5	118.0	-118.9	9	6	5*	8.5	2.7	4	1	6	18.2	-12.2
11	0	5	22.7	-17.0	10	6	5	11.5	-10.4	5	1	6*	7.0	6.8
12	0	5	56.4	-58.0	11	6	5*	4.0	4.5	6	1	6*	4.9	-2.4
13	0	5*	41.2	-37.2	12	6	5	11.5	11.8	7	1	6	35.8	-33.9
14	0	5	18.2	-17.2	13	6	5*	14.7	8.4	8	1	6*	17.0	.6
15	0	5*	37.4	31.9	14	6	5*	.0	4.7	9	1	6	23.3	24.0
16	0	5	41.9	-37.5	1	7	5	26.1	20.1	10	1	6	6.8	-5.3
17	0	5	47.5	-48.7	2	7	5*	6.1	-6.3	11	1	6	7.9	-4.2
0	4	5	28.1	-27.2	3	7	5*	28.3	24.3	12	1	6	27.2	24.6
1	4	5*	3.6	-4.1	4	7	5	26.0	27.1	13	1	6	60.4	58.8
2	4	5	37.7	-39.6	5	7	5*	33.2	18.8	14	1	6*	5.2	-3.8
3	4	5*	12.7	-5.2	6	7	5	30.8	-29.7	0	2	6	16.9	15.6
4	4	5	21.7	-22.0	7	7	5*	19.2	-1.5	1	2	6	24.0	-25.4
5	4	5*	14.0	1.9	8	7	5	25.5	26.0	2	2	6	18.2	17.3
6	4	5	18.4	16.7	9	7	5	5.6	-6.5	3	2	6	48.5	-51.6
7	4	5	14.7	-15.3	10	7	5	9.6	-11.7	4	2	6	11.5	-12.9
8	4	5*	6.2	-8.6	11	7	5*	17.7	-9.1	5	2	6	13.1	12.3
9	4	5	36.6	-33.1	12	7	5	20.3	20.0	6	2	6	23.5	-21.7
10	4	5*	.0	-1.5	0	8	5	9.0	-11.3	7	2	6*	8.0	-5.3
11	4	5	37.9	-39.4	1	8	5*	39.0	34.2	8	2	6	15.3	15.6
12	4	5*	7.0	-6.0	2	8	5	48.3	-50.7	9	2	6	15.8	-18.0
13	4	5	41.3	-36.4	3	8	5	25.2	26.5	10	2	6	25.6	-21.0
14	4	5*	.0	1.3	4	8	5	70.3	73.3	11	2	6	40.8	-39.7
15	4	5	28.5	-22.4	5	8	5	15.1	-14.6	12	2	6*	7.9	-7.3
16	4	5*	6.7	8.5	6	8	5*	7.4	-5.9	13	2	6*	5.2	7.6
17	4	5	16.8	-17.1	7	8	5*	6.9	6.7	14	2	6*	3.0	.5
1	5	5	9.2	9.7	8	8	5	46.5	-45.8	1	3	6*	6.7	8.4
2	5	5	28.8	30.3	9	8	5	53.0	47.9	2	3	6*	3.7	2.3
3	5	5*	.0	-3.3	1	9	5*	33.6	-26.9	3	3	6*	7.8	-6.4
4	5	5*	8.4	9.5	2	9	5	31.4	32.5	4	3	6	26.2	19.3



H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
3	4	6	41.2	-41.1	9	5	6*	5.8	-5.1	8	4	7	12.1	12.5
4	4	6*	4.8	-6.1	10	5	6	10.6	9.5	4	4	7	20.7	22.0
5	4	6	10.0	10.1	0	6	6*	5.9	1.6	5	4	7*	4.9	-1.5
6	4	6*	21.3	-8.7	1	6	6	91.5	-92.4	6	4	7*	7.5	-8.7
7	4	6	14.0	-15.2	2	6	6	24.9	21.4	7	4	7*	14.3	-10.4
8	4	6	8.3	7.8	3	6	6	9.5	-10.0	0	2	7	9.2	-9.7
9	4	6	14.4	-13.2	4	6	6	21.7	-20.3	1	2	7	44.2	-39.1
10	4	6*	21.6	-9.5	5	6	6	34.0	35.2	2	2	7	45.7	-45.9
11	4	6	29.2	-29.4	6	6	6	14.4	2.9	3	2	7*	15.7	-9.6
12	4	6	9.4	-9.6	7	6	6	59.5	60.1	4	2	7	28.7	28.1
1	5	6	-79.5	83.7	8	6	6	13.9	13.5	5	2	7*	8.6	-1.7
2	5	6	-18.8	-18.9	1	7	6	-18.9	-19.9	6	2	7*	5.4	-3.0
3	5	6*	4.1	-2.2	2	7	6*	1.7	1.2	1	3	7*	15.1	3.5
4	5	6	12.0	-15.3	3	7	6	32.0	-32.6	2	3	7	29.2	27.2
5	5	6	36.2	-37.0	4	7	6	18.9	12.0	3	3	7	73.7	67.6
6	5	6*	5.4	3.6	1	1	7	68.3	-35.3	4	3	7*	6.2	.5
7	5	6	53.0	52.6	2	1	7*	7.1	8.8	5	3	7	62.4	58.9
8	5	6	30.2	-18.0										

FATTORE SCALA PER SOMMA 5.462125  
DISTRIBUZIONE DI R E NUMERO RIFLESSI

PER GRUPPI DI PARITA'

DDP	DPD	DPP	PDD	PDP	PPD	PPP	DDD	ALL
.0467	.0512	.0379	.0394	.0695	-.0484	.0696	.0443	.0517
94	72	113	110	101	113	148	100	851

PER INTERVALLI SENTETA/LAMBDA PASSO .05000 (PARTENDO DA .00000) SECONDA RIGA= SOM(Delta)

.0000	.0862	.0312	.0346	.0539	.0832	.0590	.0423	.0502	.0444	.0466	.0582	.0476
.000	2.326	.504	.691	1.113	.938	.848	.623	.555	.545	.361	.511	.824
0	1	8	14	27	30	46	62	69	63	112	123	123

PER INTERVALLI FO PASSO 10 SECONDA RIGA= SOM(Delta/SIGMA)/N

.1346	.0993	.0622	.0468	.0420	.0368	.0461	.0804	.0402	.0242	.0296	.0423	.0217
.250	.411	.394	.368	.347	.394	.686	1.035	.345	.542	1.017	.667	.594
90	192	176	113	78	46	34	36	13	18	6	14	7

PER VALORI DEL RAPPORTO I/SIGMA I

.0517	.0517	.0517	.0490	.0477	.0452	.0445	.0441	.0437	.0420
851	851	851	781	720	673	638	605	579	552