

AM-96-620

7113

A new hyper-calcic amphibole with Ca at the A site: Fluor-cannilloite from Pargas, Finland

Frank C. Hawthorne, Roberta Oberti, Luciano Ungaretti, and Joel D. Grice

For deposit: Table 5

81 July-August 1996

995-1002

Manuscript No. 7113 - Sample e(1)

	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
	2	0	0	54.4	-55.9	4	0	0	12.0	-17.0
	4	0	0	73.4	-74.7	4	2	0*	10.6	-11.1
	6	0	0	25.4	24.0	4	4	0	16.6	15.6
	8	0	0	19.6	19.1	4	6	0	20.0	-20.6
	10	0	0	103.5	103.5	4	8	0	113.5	-113.0
	12	0	0	225.6	225.8	4	10	0	67.4	67.3
	14	0	0	22.7	-23.5	4	12	0	36.2	35.7
	16	0	0	19.4	-20.0	4	14	0*	9.3	9.4
	18	0	0	22.3	21.7	4	16	0	73.3	-72.6
	20	0	0	61.4	-61.4	4	18	0	21.1	21.0
	22	0	0	96.1	94.7	4	20	0	60.0	-59.2
	24	0	0	82.3	80.5	4	22	0	52.0	52.4
	1	0	0	43.7	40.6	4	24	0*	13.2	10.4
	3	0	0	21.3	20.1	5	1	0	101.3	-101.8
	5	0	0	22.4	-23.3	5	3	0	71.5	70.9
	7	0*	0	3.1	-3.3	5	5	0	29.5	-30.5
	9	0	0	73.1	-72.8	5	7	0	64.3	64.6
	11	0	0	148.0	148.8	5	9	0*	6.1	-3.1
	13	0*	0	10.3	11.4	5	11	0	37.0	-37.3
	15	0	0	16.5	-17.1	5	13	0	48.8	-49.8
	17	0	0	12.2	13.6	5	15	0	47.9	47.2
	19	0*	0	11.6	-11.3	5	17	0*	.6	-3.6
	21	0	0	33.5	32.2	5	19	0	19.8	19.1
	23	0*	0	15.8	16.0	5	21	0	31.7	31.4
	25	0	0	19.9	19.2	5	23	0	56.1	-56.2
	2	0	0	11.8	9.0	6	0	0	134.5	135.1
	2	2	0	17.6	-16.2	6	2	0	48.7	-49.7
	2	4	0	125.2	124.3	6	4	0*	12.4	13.9
	2	6	0*	5.8	2.5	6	6	0	29.7	30.2
	2	8	0	33.2	33.7	6	8	0	39.1	37.7
	2	10	0	33.0	33.2	6	10	0	9.8	9.9
	2	12	0	42.6	-42.1	6	12	0	12.4	-11.5
	2	14	0	40.9	40.2	6	14	0*	8.9	5.7
	2	16	0	19.5	-19.3	6	16	0*	.0	.0
	2	18	0	42.5	41.9	6	18	0	40.0	40.6
	2	20	0*	8.7	10.6	6	20	0*	16.6	-18.0
	2	22	0*	12.5	13.9	6	22	0*	18.3	19.7
	2	24	0	32.6	-22.6	7	1	0	74.3	76.3
	3	1	0	156.1	155.5	7	3	0	45.8	-46.6
	3	3	0	90.6	-88.5	7	5	0*	7.2	-8.8
	3	5	0	86.1	-86.2	7	7	0	30.1	-29.9
	3	7	0	86.4	85.7	7	9	0	98.1	-98.3
	3	9	0	44.0	-44.8	7	11	0	170.7	170.7
	3	11	0	124.8	128.0	7	13	0	29.6	28.7
	3	13	0*	3.1	5.0	7	15	0	57.5	-58.0
	3	15	0*	7.3	-7.9	7	17	0	17.1	15.1
	3	17	0	20.0	19.7	7	19	0	46.9	-46.5
	3	19	0	29.7	-29.7	7	21	0*	4.8	5.9
	3	21	0	21.2	20.4	8	0	0	128.6	131.7
	3	23	0	40.4	40.2	8	2	0	26.5	-25.6
						8	4	0	24.6	25.0
						8	6	0	21.6	-21.3
						8	8	0*	19.9	19.0
						8	10	0	20.9	21.9
						8	12	0	33.3	34.6
						8	14	0*	12.4	14.1
						8	16	0*	16.5	-15.4
						8	18	0*	4.7	7.9
						8	20	0*	8.1	-5.3
						9	1	0	27.7	26.9
						9	3	0	19.5	19.7
						9	5	0*	3.9	.3
						9	7	0	68.3	68.8
						9	9	0*	9.7	6.9
						9	11	0	33.4	32.7
						9	13	0*	12.3	-13.2
						9	15	0	23.5	23.5
						9	17	0	29.5	28.3
						10	0	0	111.6	111.2
						10	2	0	19.1	-21.5
						10	4	0*	.0	.0
						10	6	0*	10.6	10.4
						10	8	0	70.4	-70.0
						10	10	0	44.4	44.9
						10	12	0	73.6	73.6
						10	14	0*	13.3	-12.6
						10	16	0	39.1	-38.5
						11	1	0	67.5	66.6
						11	3	0*	9.7	-10.5
						11	5	0	42.6	-42.6
						11	7	0*	13.1	10.5
						11	9	0*	13.1	-15.5
						11	11	0	79.3	77.0
						11	13	0*	17.6	19.6
						12	0	0*	12.7	-11.3
						12	2	0*	3.2	6.7
						12	4	0	25.5	25.0
						12	6	0*	10.0	-9.8
						12	8	0	33.7	33.7
						12	10	0*	20.4	19.6
						13	1	0	23.7	-22.9
						13	3	0*	3.9	7.3
						13	5	0*	13.7	8.5
						0	0	1*	6.7	-2.9
						0	2	1*	7.1	-6.7
						0	4	1*	8.5	4.1
						0	6	1	184.2	181.3
						0	8	1	20.6	-20.9
						0	10	1	71.0	-70.6
						0	12	1	51.2	50.9

K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
12	2	35.1	-34.7	-11	11	2x	10.6	9.9	-2	0	3x	9.4	-9.9
14	2x	3.2	3.2	-11	13	2	18.3	-17.4	-2	2	3	67.7	-65.3
14	2	22.3	24.6	-11	15	2	18.8	-17.1	-2	2	3	18.3	14.0
16	2	33.0	-33.4	-12	0	2	135.5	131.1	-2	4	3x	4.9	4.3
16	2	24.6	-23.1	-12	2	2	40.5	-39.9	-2	4	3	15.9	16.0
18	2	37.0	33.2	-12	4	2	20.5	-21.7	-2	6	3	134.6	134.7
20	2x	12.2	-9.8	-12	6	2x	18.9	17.7	-2	6	3	249.8	249.0
1	1	7.0	6.7	-12	8	2	19.0	-18.0	-2	8	3	24.1	-24.3
1	1	65.5	66.7	-12	10	2x	13.0	-13.2	-2	8	3	28.4	-28.3
3	3	17.6	18.3	-12	12	2	41.8	40.6	-2	10	3	92.7	-92.8
3	3	73.9	-73.4	-13	1	2	67.1	66.3	-2	10	3x	6.0	-6.1
3	5	32.6	-34.4	-13	3	2x	8.4	-10.3	-2	12	3	21.5	21.3
3	5	46.0	-46.8	-13	5	2x	17.8	-16.4	-2	12	3	28.0	28.4
3	7	13.7	-11.3	-13	7	2x	3.4	-.4	-2	14	3	76.0	-74.0
3	7	15.2	15.0	0	0	3	47.4	-45.4	-2	14	3	81.1	-80.0
3	9	22.3	-22.5	0	2	3	124.6	120.2	-2	16	3	65.4	65.9
3	9	61.7	-63.0	0	4	3x	7.9	-9.2	-2	16	3	96.4	96.2
3	11	52.0	53.3	0	6	3	28.9	28.9	-2	18	3x	9.5	9.1
3	11	81.3	81.6	0	8	3x	13.4	12.9	-2	18	3	88.4	88.9
3	13	5.9	-.9	0	10	3	44.8	45.5	-2	20	3x	3.4	.1
3	13	1.3	-2.9	0	12	3x	14.2	14.8	-2	20	3	26.4	-25.3
3	15	10.0	-4.0	0	14	3	11.2	12.6	-2	22	3	18.1	-17.1
3	15	25.8	-25.5	0	16	3	34.4	35.1	-2	22	3x	13.2	-11.2
3	17	8.4	6.0	0	18	3x	15.4	-15.1	-3	1	3x	5.7	4.9
3	17	40.3	-40.9	0	20	3	21.8	20.6	-3	1	3	35.6	35.3
10	0	26.3	-25.6	0	22	3x	1.5	-4.9	-3	3	3	11.8	12.4
10	0	75.7	75.2	-1	1	3	27.6	27.4	-3	3	3x	3.8	1.0
10	2	13.3	-13.3	-1	1	3	29.6	-29.0	-3	3	3	18.2	18.7
10	2	20.3	-22.0	-1	3	3	12.6	-12.8	-3	5	3	32.4	33.3
10	4	47.3	49.3	-1	3	3	110.9	-107.5	-3	7	3	40.9	-42.0
10	4	33.8	32.9	-1	5	3	66.0	66.8	-3	7	3	39.5	-40.4
10	6	4.1	4.7	-1	5	3	225.3	218.8	-3	9	3	65.9	66.8
10	6	25.0	-25.1	-1	7	3x	18.7	-16.2	-3	9	3	68.0	68.8
10	8	31.2	31.3	-1	7	3	82.5	82.3	-3	11	3x	20.8	-20.4
10	8	6.4	8.4	-1	9	3	43.4	43.5	-3	11	3	7.0	-5.1
10	10	2.0	-2.0	-1	9	3	63.0	-63.3	-3	13	3	15.2	11.7
10	10	20.2	20.5	-1	11	3x	2.6	-1.9	-3	13	3	43.6	43.6
10	12	43.5	-44.0	-1	11	3	38.4	-38.2	-3	15	3x	.0	3.6
10	12	19.2	19.1	-1	13	3	27.7	27.0	-3	15	3x	16.0	16.5
10	14	3.3	6.9	-1	13	3x	6.7	7.8	-3	17	3	16.8	17.0
10	16	15.7	-14.2	-1	15	3x	5.5	4.7	-3	17	3x	.0	3.7
11	1	17.4	17.3	-1	15	3x	4.3	-7.4	-3	19	3	15.0	13.7
11	1	34.1	-34.4	-1	17	3	32.9	33.7	-3	19	3x	11.0	7.2
11	3	36.6	-36.6	-1	17	3	91.9	91.0	-3	21	3x	14.6	-14.8
11	3	40.2	40.3	-1	19	3x	13.2	11.0	-3	21	3x	2.7	-5.4
11	5	.8	.0	-1	19	3	25.3	24.4	-4	0	3x	9.6	10.1
11	5	10.2	13.5	-1	21	3	16.7	-17.8	-4	0	3x	4.9	-4.7
11	7	36.0	35.9	-1	21	3	34.0	-34.1	-4	2	3	58.9	59.8
11	7	36.8	35.8	-1	23	3	30.0	29.5	-4	2	3x	5.2	4.7
11	9	12.6	-14.8	2	0	3	31.5	-31.2	4	4	3	26.7	-28.4

K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
4	3*	5.4	6.3	-6	10	3*	9.4	-7.9	9	5	3	100.0	98.8
4	3	51.3	-52.2	6	12	3*	5.9	3.0	-9	5	3	110.1	111.5
4	3	50.1	52.0	-6	12	3	20.4	20.2	9	7	3	32.9	33.7
4	3*	5.4	5.6	6	14	3	57.4	-57.1	-9	7	3	35.6	35.3
4	3*	.0	-.1	-6	14	3	18.1	-17.9	9	9	3*	4.4	-1.7
4	3*	12.3	11.2	6	16	3	61.6	61.4	-9	9	3*	18.3	-18.6
4	3	53.0	-54.5	-6	16	3	34.7	36.3	9	11	3*	4.8	-8.4
4	3	39.4	39.5	6	18	3	63.3	62.5	-9	11	3	22.9	-23.6
4	3	44.7	45.4	-6	18	3	40.0	-39.1	-9	13	3*	.0	-6.0
4	3*	2.1	.5	6	20	3	24.8	25.3	-9	15	3*	8.2	-10.1
4	3	20.2	-21.6	-6	20	3	18.7	19.0	-9	17	3	68.8	67.3
4	3*	11.6	13.3	7	1	3	3.5	6.4	10	0	3	33.0	-31.6
4	3	39.7	40.7	-7	1	3*	8.8	5.3	-10	0	3	25.9	-25.3
4	3	61.8	-61.9	7	3	3*	9.9	-5.3	10	2	3*	12.8	17.2
4	3	42.8	-43.0	-7	3	3*	25.7	25.7	-10	2	3	50.4	49.5
4	3	24.9	24.2	7	5	3	27.6	-28.7	10	4	3*	13.4	14.4
4	3	24.0	23.6	-7	5	3	11.4	-9.8	-10	4	3*	4.0	-2.2
4	3*	6.9	-7.0	7	7	3*	73.2	-74.3	10	6	3*	14.1	14.5
5	1	4.6	3.8	-7	7	3	36.1	36.7	-10	6	3	25.2	24.5
5	1	17.6	-18.1	7	9	3	34.1	34.7	-10	8	3*	9.3	-1.7
5	3	87.0	-88.0	-7	9	3	12.4	-14.0	-10	10	3*	5.9	-.7
5	3	78.3	-79.4	7	11	3*	27.8	-27.3	-10	12	3	23.4	22.7
5	3	107.6	108.8	-7	11	3	35.0	32.9	-10	14	3*	11.3	11.8
5	3	131.3	132.0	7	13	3	54.0	53.5	-10	16	3*	18.7	20.2
5	5	15.1	16.5	-7	13	3	18.4	18.8	-11	1	3	25.0	24.7
5	5	14.5	16.2	7	15	3	11.8	11.0	-11	3	3	21.9	-22.6
5	5	45.7	-47.6	-7	15	3*	57.3	-58.4	-11	5	3	63.7	63.3
5	5	9.6	-10.9	7	17	3	10.2	-12.5	-11	7	3*	3.6	1.5
5	5	3.8	-3.8	-7	17	3*	.0	3.6	-11	9	3*	21.6	20.4
5	5	13.7	-14.0	8	0	3*	.0	-4.9	-11	11	3*	9.6	12.0
5	5	9.8	9.6	-8	0	3*	10.0	13.1	-11	13	3*	11.8	10.5
5	5	28.5	-28.4	8	2	3*	22.5	21.1	-12	0	3*	.0	-2.9
5	5	27.4	-28.9	-8	2	3	8.5	-8.3	-12	2	3	33.0	-33.8
5	5	34.7	-34.6	8	4	3*	12.3	-12.1	-12	4	3*	13.2	12.3
5	5	51.3	50.8	-8	4	3*	65.5	65.8	-12	6	3	109.2	107.6
5	5	109.8	108.5	8	6	3	131.0	131.7	-12	8	3*	7.8	-2.9
5	5	.5	.1	-8	6	3	21.3	-22.2	-12	8	3	48.7	-47.7
5	5	23.3	23.4	8	8	3	27.9	-27.5	-12	10	3	13.6	-13.0
5	5	50.0	-51.1	-8	8	3*	9.7	-10.1	-13	1	3*	5.0	5.1
5	5	28.3	-29.0	8	10	3*	13.0	10.9	-13	3	3*	31.2	30.9
5	5	13.5	-13.9	-8	10	3	34.2	34.7	-13	5	3	11.9	-13.6
5	5	8.4	7.0	8	12	3	19.9	21.7	0	7	3*	135.9	132.2
5	5	47.2	47.2	-8	12	3	18.1	-17.1	0	0	4	15.3	-16.1
5	5	2.3	2.6	8	14	3	63.6	-62.6	0	2	4	59.3	57.8
5	5	6.4	-7.9	-8	14	3	57.4	58.8	0	4	4	12.9	-12.6
5	5	125.1	127.1	8	16	3	55.5	56.3	0	6	4	33.6	-32.9
5	5	6.1	-4.2	-8	16	3	6.7	-7.9	0	8	4	52.0	50.8
5	5	17.5	-14.8	9	18	3	10.6	-9.8	0	10	4	83.5	82.9
5	5	17.8	18.2	-9	1	3*	31.4	-31.9	0	12	4	11.2	3.1
5	5	3.5	-.9	9	3	3	61.6	-62.0	0	14	4*	27.2	-27.1
6	10	3*		-9	3	3			0	16	4		

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
0	18	4	21.9	22.2	3	7	4	16.9	-18.1	5	15	4	19.7	19.8
0	20	4	20.9	-20.2	-3	7	4	38.2	-37.8	-5	15	4x	18.4	-19.5
1	1	4x	7.9	10.2	3	9	4	44.8	-44.3	-5	17	4x	6.7	4.1
1	1	4	140.9	137.4	-3	9	4	10.3	-9.9	-5	19	4	22.2	-21.2
1	3	4x	22.4	24.1	3	11	4	142.9	141.9	6	0	4	81.5	82.2
1	3	4	70.6	-89.5	-3	11	4x	10.0	6.8	-6	0	4	17.4	15.0
1	5	4	14.6	-14.2	3	13	4	37.3	-37.1	6	2	4x	19.5	-20.5
-1	5	4	37.6	-38.3	-3	13	4	29.3	-28.4	-6	2	4	18.5	-18.2
1	7	4	60.1	58.8	3	15	4	26.9	-26.6	6	4	4x	5.4	2.9
-1	7	4	29.0	28.8	-3	15	4	34.6	33.9	-6	4	4	108.8	109.6
-1	9	4x	4.2	2.0	3	17	4x	1.6	-1.1	6	6	4	9.9	12.1
-1	9	4	67.9	-68.0	-3	17	4x	5.2	3.6	-6	6	4x	8.9	-6.3
1	11	4	22.5	22.9	3	19	4	25.1	-25.6	6	8	4	63.2	-62.8
-1	11	4	148.6	146.8	-3	19	4x	16.0	17.8	-6	8	4	53.1	53.6
1	13	4	15.6	-16.2	-3	21	4	27.4	27.1	6	10	4	34.4	35.0
-1	13	4	21.4	20.8	4	0	4x	.0	-2.3	-6	10	4x	10.1	8.4
1	15	4	20.2	20.7	-4	0	4	174.7	175.1	6	12	4	54.9	54.3
-1	15	4	32.9	-32.8	4	2	4x	4.6	-.3	-6	12	4	18.1	-16.2
1	17	4x	15.7	13.0	-4	2	4	29.2	-30.1	6	14	4x	13.0	-7.0
-1	17	4	22.2	20.5	4	4	4x	7.4	11.1	-6	14	4	27.1	28.1
1	19	4x	11.7	12.5	-4	4	4	54.0	-55.3	-6	16	4x	6.6	4.8
-1	19	4	42.0	-43.5	4	6	4	19.2	-19.8	-6	18	4	24.3	25.5
-1	21	4x	10.9	9.9	-4	6	4x	4.0	1.4	7	1	4	21.5	21.2
2	0	4	204.7	203.1	4	8	4	36.2	35.7	-7	1	4	74.2	74.6
-2	0	4x	7.3	.1	-4	8	4	29.3	-30.2	7	3	4	12.3	-14.0
2	2	4x	36.1	-33.4	4	10	4	15.2	13.7	-7	3	4	49.0	-49.1
-2	2	4	25.7	-24.7	-4	10	4	36.3	35.7	7	5	4	38.8	-39.1
2	4	4x	3.2	-7.2	4	12	4	60.4	-60.0	-7	5	4	34.1	-34.3
-2	4	4	14.9	14.9	-4	12	4	34.3	35.4	7	7	4	18.3	17.6
2	6	4x	9.5	6.9	4	14	4	42.2	41.8	-7	7	4	39.7	40.7
-2	6	4	14.0	14.4	-4	14	4x	4.2	3.8	7	9	4	19.8	-18.0
2	8	4x	8.0	-7.2	4	16	4	26.0	-25.8	-7	9	4	35.5	-35.1
-2	8	4	4.2	-6.9	-4	16	4	38.4	-37.6	7	11	4	25.8	24.7
2	10	4	37.1	37.1	4	18	4x	13.9	13.8	-7	11	4	77.8	77.4
-2	10	4	17.7	17.6	-4	18	4x	15.9	15.5	-7	13	4x	5.2	1.6
2	12	4	72.5	72.7	-4	20	4	52.8	-52.6	-7	15	4x	13.4	-9.9
-2	12	4	50.4	-50.5	5	1	4	15.3	-16.3	-7	17	4x	18.2	18.0
2	14	4x	10.7	-10.5	-5	1	4	23.0	22.3	-7	19	4	16.1	-19.6
-2	14	4	19.8	20.8	5	3	4x	14.2	13.9	8	0	4x	12.9	13.4
2	16	4x	12.0	-11.3	-5	3	4	17.3	-15.3	-8	0	4	200.0	198.1
-2	16	4	31.6	-30.9	5	5	4x	1.8	-2.5	8	2	4	24.6	-23.1
2	18	4	23.5	22.4	-5	5	4	32.6	-32.8	-8	2	4	15.6	-16.6
-2	18	4	39.3	38.6	5	7	4	48.4	48.4	8	4	4	43.5	43.2
2	20	4x	18.1	-17.6	-5	7	4x	6.9	1.9	-8	4	4x	7.8	-9.2
-2	20	4	74.7	73.3	5	9	4x	10.7	-11.7	8	6	4x	11.0	9.7
3	1	4	72.4	-72.1	-5	9	4	50.6	-50.3	-8	6	4x	4.9	-1.5
-3	3	4x	3.5	5.7	5	11	4x	7.5	6.3	8	8	4	24.3	26.9
3	3	4	84.6	83.7	-5	11	4	81.8	81.5	-8	8	4	66.6	-66.7
-3	5	4	16.8	-17.3	5	13	4	81.5	-31.8	-8	10	4	63.9	63.5
3	5	4x	1.5	4.0	-5	13	4x	.8	-4.9	-8	12	4	117.1	116.2

K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
14	4	17.7	-17.8	-1	7	5	17.9	-17.3	-4	2	5*	.9	-1.2
16	4	42.6	-40.6	-1	9	5	21.2	21.0	-4	4	5*	5.6	9.7
1	4	28.3	27.6	-1	9	5	19.1	19.4	-4	4	5*	3.2	-1.2
1	4*	13.1	12.8	-1	11	5	26.0	-26.4	-4	6	5	110.9	112.0
3	4	17.3	-18.5	-1	11	5*	7.1	-2.8	-4	6	5	175.8	174.9
3	4	29.6	30.3	-1	13	5	37.3	37.2	-4	8	5*	5.7	-1.4
3	4*	12.5	-12.1	-1	13	5	24.4	23.7	-4	8	5	25.5	-25.5
3	4	27.9	28.0	-1	15	5*	11.5	10.2	-4	10	5	29.1	-28.7
9	4	9.6	-10.9	-1	15	5*	4.3	-5.5	-4	10	5	23.4	-22.8
9	4*	52.5	52.1	-1	17	5*	14.3	-11.4	-4	12	5*	2.4	-1.2
9	4*	2.7	1.6	-1	17	5	19.5	19.1	-4	12	5*	15.0	14.9
9	4	17.4	15.9	-2	0	5*	11.1	8.7	-4	14	5*	5.4	-7.1
0	4	37.4	36.1	-2	0	5	29.5	-29.8	-4	14	5	42.8	-42.2
0	2	1.1	-4.4	-2	2	5	48.8	49.3	-4	16	5	62.6	63.7
0	4*	1.2	1.9	-2	2	5	64.0	62.4	-4	16	5	58.0	54.4
0	4	18.5	18.4	-2	4	5*	13.8	-14.2	-5	1	5*	12.8	12.3
0	6	23.2	23.2	-2	4	5	19.6	-18.2	-5	1	5*	14.8	13.1
0	6	20.0	20.6	-2	4	5	24.5	25.2	-5	3	5	28.5	27.1
0	8	40.3	-39.5	-2	6	5	48.3	-48.4	-5	3	5*	7.0	-3.8
0	10	27.7	28.5	-2	6	5	10.6	-9.2	-5	5	5*	11.2	10.2
0	10	31.1	31.9	-2	8	5*	11.3	9.5	-5	5	5	46.3	47.0
0	12	21.2	-20.8	-2	8	5	20.3	21.1	-5	5	5	21.4	-23.5
0	14	14.4	-15.8	-2	10	5	3.5	-3.0	-5	7	5	12.4	-12.9
0	14	9.5	-6.9	-2	10	5*	37.9	37.4	-5	7	5	50.0	50.3
0	14	53.3	-53.7	-2	12	5	20.2	20.0	-5	9	5	23.4	24.3
0	14	89.4	88.1	-2	12	5*	7.9	-7.1	-5	9	5	8.7	-8.1
0	14	56.2	54.4	-2	14	5*	26.7	27.3	-5	11	5*	13.4	-13.3
0	16	.9	-8.6	-2	14	5	24.8	25.0	-5	11	5*	38.4	38.2
0	16	15.6	14.6	-2	16	5	5.9	3.2	-5	13	5	15.1	14.3
0	16	14.5	-12.3	-2	16	5*	72.7	-73.8	-5	15	5	2.7	3.3
0	16	4.9	-2.9	-2	16	5*	1.4	.2	-5	17	5*	2.8	6.2
0	18	32.2	-30.1	-3	1	5*	8.8	-8.7	-6	0	5*	8.7	-9.0
0	18	19.4	19.5	-3	1	5*	67.9	-67.0	-6	2	5*	8.8	5.2
0	18	7.8	-9.5	-3	3	5	30.4	-30.2	-6	2	5	36.7	36.3
0	20	41.2	-40.2	-3	3	5	115.5	114.3	-6	4	5*	6.6	-6.4
0	22	1.2	.1	-3	3	5	77.2	76.7	-6	4	5*	2.5	-1.0
0	24	83.7	82.0	-3	5	5	34.3	34.0	-6	6	5	31.9	31.5
0	26	15.9	-14.9	-3	5	5*	.8	4.7	-6	6	5	43.6	43.6
0	28	37.6	-37.0	-3	7	5	27.4	-27.5	-6	6	5*	12.2	-5.3
0	30	17.2	16.7	-3	7	5*	16.0	15.4	-6	8	5*	2.0	3.6
0	32	92.2	-92.8	-3	9	5	4.4	3.1	-6	8	5*	11.1	10.4
0	34	63.8	64.6	-3	9	5	14.7	-15.3	-6	10	5*	20.2	20.9
0	36	31.3	31.6	-3	11	5*	18.0	-20.0	-6	12	5	30.8	-31.7
0	38	5.8	7.7	-3	11	5	14.0	-14.3	-6	14	5	46.2	47.4
0	40	20.5	20.6	-3	13	5*	28.2	-27.9	-6	16	5	13.3	-13.3
0	42	9.0	-10.3	-3	13	5	10.1	-12.0	-7	1	5*	6.9	-3.6
0	44	26.5	-25.5	-3	15	5*	61.5	61.7	-7	1	5*	29.0	-30.5
0	46	31.0	30.5	-3	17	5	37.5	-38.1	-7	3	5	70.6	-70.4
0	48	46.0	46.3	-4	0	5	18.6	-18.1	-7	3	5	70.3	68.8
0	50	16.4	-16.0	-4	2	5*	8.7	7.6	-7	5	5	140.2	140.9

K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
6	7	51.9	-52.9	-5	7	7*	10.7	-7.3	-7	1	7*	12.6	9.3
8	7*	8.2	9.4	-6	0	7	20.5	-20.1	-7	3	7*	5.8	-1.9
1	7*	3.6	2.5	-6	2	7*	7.0	-4.3	-7	5	7*	10.2	8.6
3	7	16.1	-16.3	-6	4	7*	6.1	-7.0	-8	0	7	19.0	-21.1
5	7	33.5	33.6	-6	6	7	77.2	77.8					

TORE SCALA PER SOMMA 1.697018
 TRIBUZIONE DI R E NUMERO RIFLESSI

GRUPPI DI PARITA'		PDD		PDP		PPD		PPP		DDD		ALL	
DDP	DPD	DDP	PDD	PDP	PPD	PPP	DDD	ALL					
.0173	.0000	.0000	.0000	.0000	.0174	.0173	.0167	.0172					
230	0	0	0	0	221	249	204	904					
R INTERVALLI		SENTETA/LAMBDA		PASSO		.05000 (PARTENDO DA		.00000)		SECONDIA R1			
.0000	.0484	.0315	.0141	.0117	.0166	.0122	.0132	.0193	.0141	.0174	.017		
.000	5.650	1.719	1.597	.892	.752	1.216	.697	.677	.537	.513	.49		
0	3	10	14	26	43	44	62	76	91	102	12		
R INTERVALLI		FO PASSO		10 SECONDA		RIGA= SOM(Delta/Sigma)/R							
.1242	.0524	.0266	.0132	.0176	.0140	.0108	.0118	.0101	.0079	.0092	.011		
.827	.540	.446	.484	.789	.608	.578	.728	.646	.501	.592	1.18		
4	161	197	174	87	73	50	38	23	15	12	1		
R VALORI DEL RAPPORTO I/SIGMA I													
.0172	.0172	.0172	.0172	.0172	.0168	.0162	.0154	.0150	.0148				
904	904	904	904	904	866	827	787	749	716				
R ZONE													
JKL	.0171	HOL	.0161	HKO	.0153								
	57		52		101								

manuscript No. 7113 - sample e(2)

K	L	/FD/	/FC/	H	K	L	/FD/	/FC/	H	R	L	/FD/	/FC/
2	0	53.5	-54.6	4	0	0	14.6	13.9	8	4	0	25.7	25.1
4	0	73.0	-74.1	4	2	0*	8.0	-8.4	8	6	0	21.5	-21.8
6	0	27.4	26.5	4	4	0	16.7	17.0	8	8	0	18.8	19.8
8	0	22.2	21.1	4	6	0	19.0	-19.7	8	10	0	23.5	23.6
10	0	109.5	108.2	4	8	0	113.1	-113.2	8	12	0	35.5	36.5
12	0	230.3	228.0	4	10	0	70.7	70.5	8	14	0	12.8	14.1
14	0	23.3	-23.7	4	12	0	36.8	36.5	8	16	0	16.3	-16.7
16	0	21.1	-20.0	4	14	0	9.2	9.9	8	18	0*	5.8	7.5
18	0	23.3	22.9	4	16	0	73.8	-73.9	8	20	0*	4.6	-4.7
20	0	60.6	-60.1	4	18	0	21.5	22.3	9	1	0	28.6	28.3
22	0	99.9	99.9	4	20	0	60.4	-59.7	9	3	0	19.4	19.4
24	0	84.0	83.7	4	22	0	53.9	54.5	9	5	0*	4.5	-.1
1	0	42.8	39.1	4	24	0*	10.6	11.2	9	7	0	70.2	70.4
3	0	20.4	20.0	5	1	0	105.3	-103.6	9	9	0*	9.0	7.0
5	0	24.7	-24.5	5	3	0	71.4	70.3	9	11	0	34.4	33.2
7	0*	6.0	-4.4	5	5	0	32.5	-33.1	9	13	0	10.2	-13.0
9	0	74.1	-72.7	5	7	0	63.4	63.8	9	15	0	23.7	23.9
11	0	149.1	148.8	5	9	0*	4.7	-4.9	9	17	0	30.1	29.9
13	0	9.8	10.7	5	11	0	38.2	-39.0	10	0	0	114.9	113.8
15	0	20.0	-19.2	5	13	0	49.3	-49.7	10	2	0	22.0	-21.8
17	0	14.1	13.8	5	15	0	48.1	47.8	10	4	0*	7.8	4.4
19	0	12.6	-12.8	5	17	0*	1.5	-3.7	10	6	0	12.8	12.4
21	0	33.9	33.6	5	19	0	19.4	19.7	10	8	0	70.7	-71.8
23	0*	15.4	15.6	5	21	0	32.0	31.3	10	10	0	46.9	47.8
25	0	18.9	19.4	5	23	0	53.6	-53.7	10	12	0	75.8	76.7
2	0	14.6	13.0	6	0	0	138.2	136.3	10	14	0	14.1	-13.8
2	2	16.3	-13.9	6	2	0	49.6	-49.3	10	16	0	39.0	-38.8
2	4	127.1	125.8	6	4	0	14.1	14.7	11	1	0	70.5	69.9
2	6	1.6	4.4	6	6	0	32.4	32.4	11	3	0	11.0	-11.7
2	8	34.7	34.7	6	8	0	39.1	38.9	11	5	0	44.2	-44.2
2	10	35.0	34.7	6	10	0	10.0	9.8	11	7	0*	10.8	10.6
2	12	42.6	-41.7	6	12	0	12.5	-12.4	11	9	0	15.2	-16.1
2	14	43.2	42.5	6	14	0*	6.6	6.8	11	11	0	81.5	80.6
2	16	17.9	-19.0	6	16	0*	2.4	.5	11	13	0	20.3	19.3
2	18	44.0	44.0	6	18	0	41.7	42.2	12	0	0*	11.1	-10.3
2	20	10.6	11.2	6	20	0	18.4	-18.6	12	2	0*	8.0	8.3
2	22	13.7	13.3	6	22	0	16.8	19.0	12	4	0	24.3	24.6
2	24	22.4	-22.3	7	1	0	74.3	76.0	12	6	0*	11.2	-10.7
3	1	158.0	154.5	7	3	0	47.0	-47.6	12	8	0	34.2	35.0
3	3	92.1	-90.9	7	5	0*	10.4	-8.3	12	10	0	21.9	21.6
3	5	87.8	-88.3	7	7	0	31.1	-31.0	13	1	0	23.0	-23.8
3	7	86.3	85.5	7	9	0	99.7	-99.3	13	3	0*	7.6	8.7
3	9	44.8	-46.5	7	11	0	174.0	173.6	13	5	0*	9.2	10.0
3	11	126.3	128.9	7	13	0	28.2	28.0	0	0	1*	3.5	-1.4
3	13	6.0	4.4	7	15	0	60.3	-60.5	0	2	1	6.3	-5.6
3	15	8.8	-8.9	7	17	0	17.4	16.7	0	4	1	6.4	6.4
3	17	19.5	20.2	7	19	0	49.0	-48.4	0	6	1	184.6	182.7
3	19	29.5	-30.7	8	0	0	132.9	-135.3	0	8	1	19.9	-19.6
3	21	22.0	21.7	8	2	0	25.6	-25.5	0	10	1	70.9	-70.8
3	23	41.9	41.5	8	2	0			0	12	1	53.6	52.9

K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
14	2*	4.8	3.8	-11	13	2	16.0	-16.9	2	2	3	65.5	-64.7
14	2	26.0	24.8	-11	15	2	17.0	17.3	-2	2	3	14.1	14.5
16	2	33.8	-33.8	-12	0	2	135.9	135.0	-2	4	3*	4.8	4.7
16	2	23.0	-22.6	-12	2	2	40.2	-40.6	-2	4	3	18.4	18.7
18	2	39.6	40.2	-12	4	2	20.6	-21.1	-2	6	3	133.8	135.3
20	2*	10.4	-10.0	-12	6	2	21.0	20.7	-2	6	3	248.2	249.5
1	2*	9.1	7.3	-12	8	2*	17.5	-16.7	-2	8	3	23.3	-24.1
1	2	66.0	66.4	-12	8	2	13.0	13.8	-2	8	3	28.8	-28.2
3	2	19.5	19.6	-12	10	2	41.0	41.6	-2	10	3	92.7	-93.2
3	2	75.8	-75.5	-13	1	2	67.5	68.0	-2	10	3*	7.9	-7.0
5	2	35.6	-35.6	-13	3	2	12.5	-12.2	-2	12	3	21.8	21.3
5	2	47.3	-47.4	-13	5	2	17.2	-17.2	-2	12	3	29.3	29.7
7	2	13.1	-12.7	-13	7	2*	3.9	-1.2	-2	14	3	75.3	-74.9
7	2	15.9	15.4	-13	7	2*	44.2	-43.8	-2	14	3	80.5	-79.9
7	2	21.5	-22.9	0	0	3	121.6	121.9	-2	16	3	68.1	67.8
7	2	64.0	-64.7	0	4	3*	8.0	-8.4	-2	16	3	99.3	99.4
7	2	55.8	55.0	0	6	3	29.1	29.0	-2	18	3*	8.7	9.0
9	2	82.5	82.1	0	8	3	14.9	15.2	-2	18	3	89.3	90.0
9	2*	2.5	-1.6	0	10	3	44.8	46.2	-2	20	3*	4.2	-4.9
9	2*	7.5	-3.6	0	12	3	15.9	15.7	-2	20	3	27.2	-26.9
9	2*	3.6	-5.0	0	14	3	13.3	13.3	-2	22	3	18.6	-18.2
9	2*	25.8	-26.7	0	16	3	34.7	35.4	-2	22	3	10.3	-11.1
9	2	8.8	6.8	0	18	3	15.7	-15.4	-3	1	3*	3.5	5.1
9	2*	43.0	-42.4	0	20	3	21.9	21.0	-3	1	3	34.1	34.4
9	2	26.1	-26.4	0	22	3*	3.4	-4.7	-3	3	3	12.7	13.0
10	0	78.1	78.5	-1	1	3	25.4	25.7	-3	3	3*	2.1	-1.7
10	2	12.7	-13.4	-1	1	3	29.4	-29.9	-3	3	5	18.9	18.3
10	2	21.0	-21.4	-1	3	3	13.1	-14.1	-3	5	3	32.3	32.9
10	4	49.2	49.9	-1	3	3	106.4	-107.2	-3	7	3	41.4	-42.6
10	4	33.1	32.7	-1	5	3	65.5	67.4	-3	7	3	40.3	-40.6
10	6	.9	4.9	-1	5	3	213.7	216.1	-3	9	3	67.2	67.8
10	6	26.9	-26.1	-1	7	3	17.5	-16.3	-3	9	3	67.2	68.1
10	6	31.3	32.3	-1	7	3	78.8	79.7	-3	11	3*	20.2	-21.1
10	8	9.1	9.1	-1	9	3	41.9	42.1	-3	11	3*	5.6	-5.9
10	8	3.1	-1.7	-1	9	3	63.3	-64.2	-3	13	3	11.7	11.6
10	10	21.5	22.2	-1	11	3*	4.2	-2.3	-3	13	3	43.0	43.1
10	10	44.8	-44.6	-1	11	3	39.0	-38.7	-3	15	3*	6.5	4.1
10	12	19.3	20.5	-1	13	3	26.8	27.3	-3	15	3	15.3	16.2
10	12	7.3	6.8	-1	13	3*	8.1	7.5	-3	17	3	17.6	17.1
10	14	16.1	-15.3	-1	15	3*	6.3	4.4	-3	17	3*	9.2	3.8
10	16	17.1	18.2	-1	15	3*	7.0	-5.8	-3	19	3*	14.2	14.3
11	1	36.6	-36.1	-1	17	3	34.6	34.0	-3	19	3*	8.6	8.0
11	1	38.2	-38.6	-1	17	3	91.2	91.1	-3	19	3*	14.6	-14.5
11	3	41.7	42.2	-1	19	3	12.6	12.5	-3	21	3	6.5	-6.3
11	3	3.6	1.0	-1	19	3	24.5	24.5	-3	21	3*	10.8	9.9
11	5	12.1	12.9	-1	21	3	18.7	-18.4	-4	0	3*	1.3	-2.8
11	5	37.7	35.1	-1	21	3	35.9	-35.6	-4	2	3	59.8	59.1
11	7	36.0	-15.3	-2	0	3	30.4	30.3	-4	4	3	8.1	7.1
11	7	14.8	9.4	-2	0	3	30.9	-31.6	-4	4	3*	27.6	-28.8
11	11	10.4		-2	0	3	9.8	-9.0	-4	4	3*	7.1	8.0

I	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
4	6	3	31.8	-52.2	6	12	3*	3.9	3.5	-9	5	3	112.7	112.6
4	6	3	50.4	52.3	-6	12	3	20.6	21.1	9	7	3	34.5	34.0
4	8	3*	5.8	5.9	6	14	3	57.8	-57.4	-9	7	3	36.1	35.4
4	8	3*	.9	1.4	-6	14	3	18.8	-18.4	9	9	3*	.0	-2.5
4	10	3	10.4	11.0	6	16	3	65.3	65.0	-9	9	3	21.8	-20.2
4	10	3	52.2	-53.1	-6	16	3	37.8	38.2	9	11	3*	8.0	-8.8
4	12	3	41.3	41.7	6	18	3	64.1	64.1	-9	11	3	24.1	-24.4
4	12	3	47.4	47.7	-6	18	3	38.3	-37.3	-9	13	3*	5.4	-6.9
4	14	3*	.7	-.1	-6	20	3	26.0	26.2	-9	15	3*	10.1	-9.5
4	14	3	19.7	-20.9	7	1	3	19.5	19.5	-9	17	3	70.4	69.4
4	16	3	11.9	12.2	-7	1	3*	3.5	5.1	10	0	3	34.9	-33.4
4	16	3	41.5	41.3	7	3	3*	5.4	5.3	-10	0	3	25.4	-25.6
4	18	3	63.7	-63.1	-7	3	3*	6.5	-5.7	10	2	3	16.6	17.1
4	18	3	43.7	-44.1	7	5	3	27.3	26.7	-10	2	3	51.3	51.1
4	20	3	25.1	25.3	-7	5	3	30.0	-30.1	10	4	3	14.8	15.6
4	20	3	24.6	24.9	7	7	3*	8.7	-10.0	-10	4	3*	6.4	.1
4	22	3*	9.4	-6.0	-7	7	3	75.1	-75.1	10	6	3	15.8	16.0
5	1	3*	4.7	4.9	7	9	3	35.6	35.7	-10	6	3	27.8	27.3
5	1	3	19.8	-19.7	-7	9	3	34.3	34.6	-10	8	3*	4.6	-.1
5	3	3	89.0	-89.3	7	11	3	14.4	-14.6	-10	10	3*	6.1	-1.0
5	3	3	80.4	-81.0	-7	11	3	28.7	-28.6	-10	12	3	23.0	23.6
5	5	3	108.6	109.8	7	13	3	33.3	33.4	-10	14	3	13.6	13.5
5	5	3	130.5	131.7	-7	13	3	54.3	53.9	-10	16	3	20.3	21.2
5	7	3	15.1	16.1	7	15	3	19.2	18.7	-11	1	3	23.5	24.4
5	7	3	13.6	14.2	-7	15	3	10.2	10.3	-11	3	3	24.5	-23.7
5	9	3	48.1	-49.0	-7	17	3	61.5	-61.9	-11	5	3	63.1	62.2
5	9	3	11.4	-12.6	7	19	3	11.1	-11.9	-11	7	3*	4.1	-.6
5	11	3*	5.1	-3.8	8	0	3*	.0	4.5	-11	9	3	21.6	20.6
5	11	3	14.4	-15.1	-8	0	3*	4.0	-4.1	-11	11	3	12.4	12.4
5	13	3*	7.8	8.9	8	2	3	12.0	12.7	-11	13	3*	12.9	10.0
5	13	3	29.6	-29.7	-8	2	3	23.6	22.8	-12	0	3*	2.1	.6
5	15	3	29.8	-29.8	8	4	3*	10.7	-9.2	-12	2	3	32.7	-33.3
5	15	3	35.1	-34.9	-8	4	3*	12.6	-11.8	-12	4	3	14.6	14.1
5	17	3	52.2	51.7	8	6	3	67.6	68.3	-12	6	3	111.9	111.8
5	17	3	110.2	109.8	-8	6	3	130.8	130.9	-12	8	3*	4.7	-2.4
5	19	3*	.0	-.5	8	8	3	23.1	-22.5	-12	10	3	48.3	-47.7
5	19	3	22.3	22.2	-8	8	3	28.0	-27.4	-13	1	3*	16.7	-15.1
5	21	3	53.4	-52.9	8	10	3	8.6	-9.8	-13	3	3*	3.3	4.5
6	0	3	29.3	-29.8	-8	10	3	12.8	12.3	-13	5	3	32.7	33.4
6	0	3	13.0	-13.3	8	12	3	37.0	36.8	-13	7	3	12.3	-12.9
6	2	3*	6.8	6.8	-8	12	3	22.5	23.0	0	0	4	129.7	129.5
6	2	3	43.0	47.8	8	14	3	17.6	-17.2	0	2	4	15.8	-15.8
6	4	3*	.7	3.1	-8	14	3	63.0	-62.6	0	4	4	57.5	58.2
6	4	3*	5.0	-6.3	-8	16	3	60.4	60.2	0	6	4	11.5	-12.1
6	6	3	127.4	128.0	-8	18	3	56.1	56.7	0	8	4	32.3	-31.9
6	6	3*	3.5	-.9	9	1	3*	9.5	-7.8	0	10	4	52.3	52.1
6	8	3	14.6	-15.1	-9	1	3	11.7	-10.5	0	12	4	81.2	81.0
6	8	3	20.6	20.5	9	3	3	31.7	-32.0	0	14	4*	7.4	3.1
6	10	3*	3.3	-.3	-9	3	3	63.8	-63.4	0	16	4	27.7	-27.1
6	10	3*	8.3	-7.9	9	5	3	103.3	101.9	0	18	4	22.0	22.6

K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
20	4	19.7	-20.0	-3	7	4	37.1	35.7	-5	15	4	20.8	-21.4
1	4	9.5	10.6	-3	9	4	43.1	-43.5	-5	17	4*	7.6	4.1
1	4	134.6	135.7	-3	9	4*	11.1	-11.3	-5	19	4	21.6	-22.5
3	4	22.2	23.0	-3	11	4	142.7	142.3	-6	0	4	82.2	82.4
3	4	87.6	-89.2	-3	11	4*	5.6	5.4	-6	0	4	17.4	14.7
5	4	15.6	-14.8	-3	13	4	36.2	-36.1	-6	2	4	21.8	-21.1
5	4	36.7	-39.2	-3	13	4	28.3	-28.9	-6	2	4	16.8	-16.7
7	4	59.6	59.4	-3	15	4	28.0	-27.6	-6	4	4*	3.3	2.8
7	4	27.5	28.2	-3	15	4	34.9	34.5	-6	4	4	109.4	110.3
9	4*	3.2	1.2	-3	17	4*	3.2	-1.2	-6	6	4	12.0	12.3
9	4	68.2	-68.3	-3	17	4*	3.9	4.1	-6	6	4*	6.8	-6.3
11	4	22.2	22.0	-3	19	4	27.0	-26.5	-6	8	4	64.2	-63.5
11	4	149.0	147.9	-3	19	4	17.3	18.0	-6	8	4	54.1	53.7
13	4	15.3	-16.3	-3	21	4	26.3	27.0	-6	10	4	37.8	37.1
13	4	20.4	20.3	-4	0	4*	.0	-2.1	-6	10	4*	8.7	8.9
15	4	19.5	20.0	-4	0	4	173.9	174.5	-6	12	4	54.0	55.5
15	4	33.0	-33.7	-4	2	4*	.0	-.8	-6	12	4	15.5	-15.6
17	4	14.7	14.1	-4	2	4	28.5	-28.7	-6	14	4*	7.7	-6.9
17	4	21.8	20.8	-4	4	4*	9.9	10.7	-6	14	4	29.3	29.8
19	4	13.1	12.8	-4	4	4	51.2	-52.3	-6	16	4*	.0	4.4
19	4	44.4	-44.2	-4	6	4	20.4	-20.0	-6	18	4	26.2	26.4
21	4	12.6	12.2	-4	6	4*	2.7	2.8	-7	1	4	22.0	21.7
2	0	200.9	202.6	-4	8	4	36.0	36.8	-7	1	4	71.6	72.1
2	0	5.3	4.6	-4	8	4	28.5	-28.6	-7	3	4	13.8	-14.4
2	2	33.2	-33.8	-4	10	4	11.7	13.6	-7	3	4	48.5	-48.5
2	2	23.1	-23.8	-4	10	4	37.0	36.9	-7	5	4	40.1	-40.0
2	4	5.4	-7.1	-4	12	4	61.0	-60.3	-7	5	4	33.8	-34.3
2	4	13.0	14.2	-4	12	4	34.8	35.6	-7	7	4	19.0	17.9
2	4	8.0	7.5	-4	14	4	43.3	43.5	-7	7	4	41.5	41.4
2	6	15.2	15.3	-4	14	4*	5.2	4.7	-7	9	4	18.2	-18.7
2	6	8.6	-7.8	-4	16	4	25.6	-25.9	-7	9	4	35.4	-34.8
2	8	6.5	-6.6	-4	16	4	37.4	-37.4	-7	11	4	25.3	23.9
2	8	38.2	38.2	-4	18	4	14.8	14.5	-7	11	4	74.9	75.1
2	10	18.4	18.3	-4	18	4	16.2	15.9	-7	13	4*	2.9	.5
2	10	73.9	74.4	-4	20	4	52.7	-52.5	-7	13	4	9.8	-9.7
2	12	49.5	-49.4	-5	1	4	15.7	-15.6	-7	15	4	18.0	18.6
2	12	11.4	-10.4	-5	1	4	23.1	22.9	-7	17	4	19.6	-19.8
2	14	20.1	21.1	-5	3	4	15.4	14.3	-8	0	4	12.1	13.2
2	14	11.3	-12.1	-5	3	4	17.9	-17.5	-8	0	4	200.0	199.5
2	16	32.6	-31.3	-5	5	4*	4.4	-2.0	-8	2	4	25.1	-24.2
2	16	22.5	22.9	-5	5	4	35.7	-35.5	-8	2	4	16.2	-15.9
2	18	39.4	39.5	-5	5	4	48.6	48.6	-8	4	4	43.1	43.9
2	20	19.7	-19.0	-5	7	4*	1.1	.9	-8	4	4*	7.6	-8.6
3	1	72.3	73.3	-5	7	4	12.9	-13.8	-8	6	4	9.9	11.0
3	1	73.8	-74.0	-5	9	4	50.6	-50.9	-8	6	4*	4.6	.1
3	3	7.6	6.5	-5	9	4	9.9	6.3	-8	8	4	25.0	26.9
3	3	82.5	83.2	-5	11	4*	82.8	81.7	-8	8	4	64.9	-65.4
3	5	17.9	-18.2	-5	11	4	31.1	-31.8	-8	10	4	65.7	66.2
3	5	.0	2.7	-5	13	4*	5.4	-5.1	-8	12	4	117.2	117.2
3	7	18.6	-18.6	-5	13	4	19.5	19.4	-8	14	4	18.4	-18.5

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-5	1	7x	.0	2.3	-6	0	7	20.3	-19.9	-7	1	7x	8.1	6.0
-5	3	7	16.3	-16.1	-6	2	7x	3.9	-3.6	-7	3	7x	2.8	-3.0
-5	5	7	30.9	31.2	-6	4	7x	6.9	-5.6	-7	5	7x	9.5	8.7
-5	7	7x	8.3	-8.7	-6	6	7	78.9	77.6	-8	0	7	20.0	-20.1

ATTORE SCALA PER SOMMA 2.239451
DISTRIBUZIONE DI R E NUMERO RIFLESSI

PER GRUPPI DI PARITA'

DDP	DPD	DPP	PDD	PDP	PPD	PPP	DDD	ALL
.0138	.0000	.0000	.0000	.0000	.0134	.0125	.0141	.0134
270	0	0	0	0	261	231	236	1048

PER INTERVALLI SENSIVITA'/LAMBDA PASSO .05000 (PARTENDO DA .00000) SECONDA RIGA

.0000	.0450	.0275	.0119	.0092	.0135	.0105	.0102	.0157	.0094	.0121	.014
.000	2.509	1.534	1.397	.930	.815	.831	.637	.588	.369	.377	.38
0	3	12	14	27	45	50	66	88	101	116	15

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

.0745	.0365	.0221	.0140	.0119	.0101	.0092	.0077	.0073	.0054	.0093	.006
.428	.410	.438	.439	.496	.585	.553	.629	.505	.500	1.008	.82
25	259	213	167	104	68	45	44	25	17	11	1

PER VALORI DEL RAPPORTO I/SIGMA1

.0134	.0134	.0134	.0134	.0134	.0131	.0128	.0126	.0124	.0122
1048	1048	1048	1048	1048	1011	985	962	933	907

PER ZONE

CL	.0117	HOL	.0119	HK0	.0152
	63		39		119

Manuscript No. 7113 - Sample C(3)

H	K	L	/FO/	/FD/	H	K	L	/FO/	/FD/	H	K	L	/FO/	/FD/
0	2	0	52.9	-53.2	4	0	0	15.2	14.4	8	4	0	26.8	25.5
0	4	0	71.6	-72.9	4	2	0*	7.7	-8.0	8	6	0	22.0	-22.4
0	6	0	28.5	27.6	4	4	0	16.6	16.9	8	8	0	18.3	19.2
0	8	0	22.8	21.8	4	6	0	18.8	-19.6	8	10	0	24.4	24.4
0	10	0	110.7	109.8	4	8	0	111.3	-112.5	8	12	0	35.9	36.6
0	12	0	224.4	224.4	4	10	0	71.7	71.7	8	14	0	14.4	14.6
0	14	0	23.3	-23.2	4	12	0	38.6	37.9	8	16	0	16.8	-16.9
0	16	0	19.1	-19.1	4	14	0	10.7	10.8	8	18	0*	4.9	7.1
0	18	0	23.0	23.5	4	16	0	72.8	-73.1	8	20	0*	6.9	-4.7
0	20	0	59.6	-59.4	4	18	0	22.4	22.6	9	1	0	27.7	28.5
0	22	0	100.8	100.6	4	20	0	59.0	-58.8	9	3	0	-18.3	19.5
0	24	0	83.7	83.2	4	22	0	54.2	54.6	9	5	0*	8.1	-1.2
1	1	0	42.5	39.0	4	24	0*	11.4	12.1	9	7	0	70.9	71.3
1	3	0	19.3	18.0	5	1	0	102.7	-102.7	9	9	0*	6.8	7.4
1	5	0	25.6	-25.1	5	3	0	71.3	70.7	9	11	0	33.7	34.0
1	7	0	6.4	-5.8	5	5	0	32.7	-33.1	9	13	0*	12.8	-13.1
1	9	0	73.6	-73.1	5	7	0	61.4	63.4	9	15	0	22.9	24.4
1	11	0	147.3	147.3	5	9	0*	8.7	-5.7	9	17	0	31.0	30.9
1	13	0	10.3	9.2	5	11	0	38.2	-38.9	10	0	0	115.0	114.4
1	15	0	20.4	-20.4	5	13	0	48.1	-49.6	10	2	0	21.6	-22.0
1	17	0	13.9	13.6	5	15	0	47.6	47.3	10	4	0*	.0	1.9
1	19	0	13.6	-13.7	5	17	0*	5.1	-4.0	10	6	0	12.8	12.7
1	21	0	33.8	34.0	5	19	0	18.9	18.7	10	8	0	71.3	-71.7
1	23	0	14.6	15.4	5	21	0	30.8	31.3	10	10	0	47.4	48.3
1	25	0	18.3	19.1	5	23	0	58.8	-58.9	10	12	0	75.2	76.2
2	0	0	15.6	14.8	6	0	0	137.4	136.5	10	14	0	14.6	-14.3
2	2	0	15.3	-13.4	6	2	0	48.5	-49.2	10	16	0	39.4	-39.2
2	4	0	124.5	124.1	6	4	0	13.3	15.1	11	1	0	69.2	70.1
2	6	0*	5.5	5.0	6	6	0	33.2	33.1	11	3	0	10.4	-11.6
2	8	0	33.4	34.6	6	8	0	40.1	39.5	11	5	0	44.6	-45.1
2	10	0	35.6	35.7	6	10	0*	10.2	10.7	11	7	0*	10.0	10.5
2	12	0	40.7	-40.8	6	12	0	12.0	-12.4	11	9	0	16.5	-16.1
2	14	0	43.0	43.3	6	14	0*	7.9	7.3	11	11	0	81.8	81.9
2	16	0	17.4	-17.9	6	16	0*	1.4	1.0	11	13	0	19.2	19.8
2	18	0	44.1	44.6	6	18	0	41.8	42.8	12	0	0*	8.9	-8.8
2	20	0	12.1	11.9	6	20	0	19.5	-18.3	12	2	0*	9.4	8.6
2	22	0	13.3	13.4	6	22	0	18.2	19.2	12	4	0	23.4	24.4
2	24	0	21.5	-22.0	7	1	0	73.2	76.4	12	6	0	11.9	-11.3
3	1	0	153.8	152.0	7	3	0	46.9	-47.3	12	8	0	33.7	34.8
3	3	0	91.0	-90.5	7	5	0	8.1	-8.5	12	10	0	22.4	21.9
3	5	0	87.2	-87.9	7	7	0	30.5	-30.8	13	1	0	23.1	-24.2
3	7	0	85.1	85.6	7	9	0	99.0	-98.7	13	3	0*	9.3	8.8
3	9	0	45.6	-46.9	7	11	0	172.2	173.4	13	5	0*	11.2	9.9
3	11	0	124.9	128.0	7	13	0	27.2	28.0	0	0	1*	4.0	.3
3	13	0*	.0	3.2	7	15	0	60.9	-60.8	0	2	1	5.6	-5.5
3	15	0	9.9	-9.9	7	17	0	18.2	17.1	0	4	1	8.0	7.1
3	17	0	19.1	19.9	7	19	0	48.9	-48.7	0	6	1	181.1	179.9
3	19	0	30.1	-31.4	7	21	0*	9.3	9.1	0	8	1	19.0	-19.2
3	21	0	21.1	21.8	8	0	0	132.2	135.9	0	10	1	70.0	-69.8
3	23	0	41.1	41.5	8	2	0	26.4	-25.3	0	12	1	54.4	54.0

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
0	14	1	50.7	-51.4	2	20	1	21.4	22.5	4	20	1	35.0	-35.0
0	16	1	73.8	74.2	-2	20	1x	7.6	7.5	-4	20	1	23.3	22.7
0	18	1x	7.2	6.8	2	22	1	18.9	17.9	4	22	1	32.8	-33.5
0	20	1x	7.0	4.7	-2	22	1	38.1	-37.7	-4	22	1x	3.8	-3.8
0	22	1x	1.0	-2.1	2	24	1	11.8	10.6	-4	24	1	14.0	12.9
0	24	1x	3.9	-0.8	-2	24	1	17.8	17.3	5	1	1x	.8	-0.3
1	1	1	36.6	-38.7	-3	1	1	18.5	19.0	-5	1	1	24.4	24.1
-1	1	1	45.9	45.7	-3	3	1	42.2	-41.7	5	3	1x	7.1	-9.9
-1	3	1	146.9	-146.3	-3	3	1	47.3	-47.8	-5	3	1	40.6	-40.8
-1	3	1	43.7	44.6	-3	3	1	140.6	-139.1	-5	5	1	113.6	115.3
-1	5	1	216.4	213.6	-3	5	1	137.9	139.4	-5	5	1	23.8	24.5
-1	5	1	58.7	-57.4	-3	5	1	166.7	164.8	-5	5	1	29.1	29.3
-1	7	1	39.7	40.4	-3	7	1	11.8	11.6	-5	7	1	29.1	29.3
-1	7	1	120.7	-120.5	-3	7	1	27.0	26.4	-5	7	1	54.5	-54.4
-1	9	1	32.3	-31.8	-3	9	1x	6.7	5.8	-5	9	1	29.6	30.5
-1	9	1	111.8	112.0	3	9	1	64.0	-63.8	-5	9	1	49.6	48.2
1	11	1	12.1	-11.5	3	11	1x	7.8	-6.5	5	11	1	44.5	-45.5
-1	11	1	26.2	-26.0	-3	11	1	57.8	-58.0	-5	11	1x	2.9	-3.3
1	13	1	58.9	-60.3	3	13	1	50.9	51.8	5	13	1	35.6	36.0
-1	13	1	78.3	79.2	-3	13	1x	5.5	4.0	-5	13	1	17.8	17.5
1	15	1	43.5	-44.1	3	15	1	14.2	13.5	5	15	1	26.0	26.2
-1	15	1	26.1	25.8	-3	15	1	23.7	-24.2	-5	15	1x	6.8	-3.5
-1	17	1	158.6	158.7	3	17	1	27.2	27.4	5	17	1	35.9	36.2
-1	17	1	56.5	-57.1	-3	17	1	79.1	78.8	-5	17	1	13.6	14.0
-1	19	1	35.4	35.0	3	19	1x	11.2	10.4	5	19	1	21.5	21.9
-1	19	1x	5.1	-5.5	-3	19	1x	13.3	11.8	-5	19	1x	7.6	5.0
1	21	1	81.2	-81.5	3	21	1	11.6	-11.6	5	21	1x	5.5	-1.9
-1	21	1	18.1	18.5	-3	21	1	32.4	-32.9	-5	21	1	29.0	-28.5
-1	23	1	27.4	27.5	3	23	1	40.6	41.5	-5	23	1	32.6	32.2
-2	0	1	22.6	23.5	-3	23	1	24.8	25.0	6	0	1	23.8	-24.8
-2	0	1	27.3	-26.9	4	0	1	32.0	-32.2	-6	0	1x	6.1	-5.6
2	2	1	10.2	-8.6	-4	0	1	34.2	-34.2	6	2	1	58.2	59.6
2	2	1	150.2	150.4	4	2	1	34.4	-33.6	-6	2	1	14.9	-14.0
2	2	1x	19.6	20.5	-4	2	1	130.7	128.6	6	4	1x	4.0	-4.5
2	4	1	4.1	-1.3	4	4	1	14.6	15.1	-6	4	1x	5.4	6.2
2	4	1	13.3	-12.9	-4	4	1x	3.6	-2.2	6	6	1	84.3	-85.6
2	6	1	184.5	186.2	4	6	1	211.5	215.2	-4	6	1	298.1	288.1
2	6	1	65.6	-65.0	-4	6	1	59.0	58.5	6	8	1	19.4	19.2
2	6	1x	3.3	1.4	4	8	1	26.5	-27.1	-6	8	1	49.7	-49.6
2	8	1	20.8	20.9	-4	8	1	8.3	7.9	6	10	1x	6.9	-7.1
2	10	1	31.0	31.0	4	10	1	31.4	-31.9	-6	10	1	52.6	-51.9
2	10	1	15.0	-15.6	-4	10	1	33.8	34.0	6	12	1	36.5	36.6
2	12	1	37.8	39.1	4	12	1	13.0	12.9	-6	12	1	40.7	40.5
2	12	1	32.4	32.0	-4	12	1	33.0	32.9	6	14	1x	7.4	8.3
2	14	1	37.1	37.9	4	14	1	121.8	-123.1	-6	14	1	53.5	-53.5
2	14	1	92.3	-93.0	-4	14	1x	3.4	2.8	6	16	1x	12.8	12.0
2	16	1	47.4	47.9	4	16	1	109.7	111.3	-6	16	1	84.5	83.8
2	16	1	65.8	64.1	-4	16	1	42.6	42.7	6	18	1	85.8	-86.2
2	18	1x	1.9	-3.5	4	18	1	93.5	94.4	-6	18	1	70.1	70.3
2	18	1	17.0	-16.3	-4	18	1	15.8	-15.7	6	20	1	41.9	41.2
										-6	20	1	21.6	-22.3

H	K	L	XFOZ	XFCZ	H	K	L	XFOZ	XFCZ	H	K	L	XFOZ	XFCZ
-6	22	1	11.5	12.3	-9	7	1*	6.0	5.4	-12	6	1*	3.2	1.2
7	1	1*	13.2	14.6	9	9	1	35.4	36.0	12	8	1*	8.4	9.1
-7	1	1	11.2	-10.5	-9	9	1*	4.5	-5.5	-12	8	1	21.0	-20.5
7	3	1	57.0	-57.7	9	11	1	13.7	-14.5	-12	10	1*	9.0	8.3
-7	3	1	32.8	-35.0	-9	11	1*	10.0	-9.6	-12	12	1	34.7	34.7
7	5	1	53.7	52.9	9	13	1*	23.3	23.9	-13	1	1*	8.6	10.4
-7	5	1	164.7	164.6	-9	13	1	40.8	39.6	-13	3	1	50.5	-49.9
7	7	1	24.8	-25.3	9	15	1*	4.7	5.4	-13	5	1	72.6	72.4
-7	7	1	47.4	47.9	-9	15	1*	1.7	-1.8	-13	7	1*	5.5	7.0
7	9	1*	9.9	10.2	9	17	1	16.3	-15.4	0	0	2	104.1	-103.1
-7	9	1	9.5	6.2	-9	17	1	24.8	24.9	0	2	2	24.5	-24.2
7	11	1*	6.8	4.6	-9	19	1*	4.1	2.9	0	4	2	30.4	30.8
-7	11	1	13.2	-13.9	10	0	1	15.5	16.2	0	6	2	7.1	6.4
7	13	1*	8.7	-8.8	-10	0	1	24.7	-24.3	0	8	2	22.8	22.2
-7	13	1*	4.1	-5.8	10	2	1	36.7	36.3	0	10	2*	8.5	7.2
7	15	1	30.2	-31.2	-10	2	1	20.4	-20.7	0	12	2	119.3	-117.9
-7	15	1*	4.2	.1	10	4	1	36.7	-36.8	0	14	2	47.4	46.3
7	17	1	53.2	54.3	-10	4	1	18.7	18.6	0	16	2	29.1	-30.1
-7	17	1	105.0	102.9	10	6	1	37.4	36.6	0	18	2	39.4	39.1
7	19	1*	5.8	4.0	-10	6	1	88.5	87.5	0	20	2*	10.0	-7.9
-7	19	1	37.1	36.2	10	8	1	26.1	-25.1	0	22	2*	6.1	2.7
-7	21	1	39.3	-39.5	-10	8	1*	6.3	-2.8	0	24	2	43.3	-43.6
8	0	1	21.2	-20.9	10	10	1	25.3	24.3	1	1	2	13.0	12.1
-8	0	1	13.6	-13.4	-10	10	1	30.4	-30.2	-1	1	2*	4.4	3.2
8	2	1*	11.3	-12.8	10	12	1	31.2	31.7	1	3	2	16.3	16.6
-8	2	1	57.2	57.0	-10	12	1	11.1	12.1	-1	3	2	6.2	6.5
8	4	1*	2.4	-3.0	10	14	1	27.9	-28.2	1	5	2*	2.5	1.4
-8	4	1*	5.3	-2.9	-10	14	1	73.6	-72.4	-1	5	2	78.2	-77.3
8	6	1	119.7	122.6	-10	16	1	71.2	70.1	1	7	2	14.5	-13.2
-8	6	1	24.0	-23.0	11	1	1*	7.8	6.0	-1	7	2	92.8	92.6
8	8	1	14.4	-14.4	-11	1	1*	7.9	-2.4	1	9	2	101.6	-100.3
-8	8	1	28.1	28.2	11	3	1	59.0	-58.6	-1	9	2*	4.2	.8
8	10	1	43.1	-43.4	-11	3	1*	1.8	2.4	1	11	2	167.4	165.4
-8	10	1*	6.3	4.5	11	5	1	122.9	122.9	-1	11	2*	5.6	5.4
8	12	1	14.3	14.3	-11	5	1*	12.3	-10.0	1	13	2	14.9	-15.1
-8	12	1	19.7	20.3	11	7	1	48.9	49.3	-1	13	2	36.3	-35.5
8	14	1	37.0	-37.7	-11	7	1	36.0	-35.7	1	15	2	38.2	-37.4
-8	14	1*	8.0	-5.9	11	9	1	34.4	-34.8	-1	15	2	36.7	36.2
8	16	1	51.6	52.2	-11	9	1	44.7	45.0	1	17	2	14.7	13.8
-8	16	1	35.8	36.7	11	11	1*	5.6	-3.4	-1	17	2*	7.5	5.6
8	18	1*	16.9	16.8	-11	11	1	36.7	-36.7	1	19	2	32.7	-33.3
-8	18	1	41.7	-41.0	-11	13	1*	14.7	12.9	-1	19	2*	7.1	7.3
8	20	1	25.1	25.3	-11	15	1*	11.5	10.7	1	21	2	14.3	13.6
-9	1	1*	3.8	4.1	12	0	1	41.8	-42.2	-1	21	2	33.3	33.3
9	1	1	14.8	15.1	-12	0	1*	.0	-3.0	1	23	2	47.1	47.1
-9	3	1*	6.8	6.1	12	2	1*	9.6	6.9	-1	23	2	32.3	-32.4
9	3	1	39.0	-38.7	-12	2	1	46.3	45.8	2	0	2	199.0	197.5
-9	5	1*	4.5	6.1	12	4	1	21.2	20.2	-2	0	2	267.8	269.2
9	5	1	87.8	85.4	-12	4	1	27.6	-29.0	2	2	2	31.6	-31.4
-9	7	1	41.0	-40.5	12	6	1	50.8	49.0	-2	2	2	31.9	-31.1

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
8	14	2*	4.1	3.0	-11	13	2	17.5	-16.4	2	2	3	64.2	-64.4
8	14	2	27.1	27.4	-11	15	2	18.4	-17.7	-2	2	3	13.0	13.9
8	16	2	33.5	-34.0	-12	0	2	136.9	136.7	2	4	3*	7.1	5.4
8	16	2	22.9	-22.8	-12	2	2	40.3	-41.1	-2	4	3	18.7	18.6
8	18	2	40.7	41.0	-12	4	2	21.2	-20.8	2	6	3	134.8	134.9
8	20	2	9.8	-9.5	-12	6	2*	22.1	21.1	-2	6	3	240.4	244.4
9	1	2*	8.3	8.0	-12	8	2	17.6	-16.6	2	8	3	23.5	-24.0
9	1	2	67.2	66.3	-12	10	2*	13.8	14.4	-2	8	3	28.3	-29.0
9	3	2	18.3	19.5	-12	12	2	40.4	41.1	2	10	3	92.4	-92.7
9	3	2	77.5	-75.9	-13	1	2	69.8	69.2	-2	10	3*	6.3	-6.8
9	5	2	35.3	-36.0	-13	3	2	12.4	-12.3	2	12	3	21.6	21.9
9	5	2	49.0	-48.3	-13	5	2*	15.7	-18.3	-2	12	3	29.5	30.0
9	7	2*	12.7	-12.7	-13	7	2*	1.9	-.9	2	14	3	75.0	-74.2
9	7	2	15.2	15.6	0	0	3	44.2	-43.7	-2	14	3	81.4	-79.8
9	9	2	20.9	-22.4	0	2	3	121.0	120.8	2	16	3	68.5	67.9
9	9	2	66.0	-65.1	0	4	3	8.4	-8.1	-2	16	3	100.8	100.2
9	11	2	55.5	55.9	0	6	3	29.3	29.1	2	18	3*	8.9	9.5
9	11	2	83.0	82.8	0	8	3	15.5	15.1	-2	18	3	91.1	89.8
9	13	2*	3.4	-.6	0	10	3	45.6	46.5	2	20	3*	1.4	-1.5
9	13	2*	3.4	-3.7	0	12	3	17.5	16.3	-2	20	3	27.7	-27.3
9	15	2*	5.2	-5.0	0	14	3	13.1	13.5	2	22	3	17.4	-17.5
9	15	2	25.9	-27.2	0	16	3	36.0	36.1	-2	22	3*	9.3	-10.5
9	17	2*	9.0	6.9	0	18	3	15.5	-15.4	3	1	3*	4.6	4.6
9	19	2	44.1	-43.2	0	20	3	20.7	20.8	-3	1	3	35.0	34.8
10	0	2	25.3	-25.1	0	22	3*	1.9	-3.9	3	3	3	13.6	12.6
10	0	2	79.7	80.6	-1	1	3	25.6	25.5	-3	3	3*	3.1	-.9
10	2	2	12.6	-13.2	-1	1	3	29.6	-29.7	3	5	3	19.0	19.3
10	2	2	21.7	-21.3	-1	3	3	14.3	-14.9	-3	5	3	33.6	34.0
10	4	2	49.2	49.6	-1	3	3	106.4	-106.5	3	7	3	41.2	-41.8
10	4	2	33.3	32.7	-1	5	3	65.6	67.6	-3	7	3	40.0	-40.1
10	4	2*	7.3	4.4	-1	5	3	208.7	212.2	3	9	3	67.0	67.2
10	6	2	27.3	-27.2	-1	7	3	18.3	-17.0	-3	9	3	67.3	67.9
10	6	2	31.0	31.2	-1	7	3	78.1	78.7	3	11	3	20.9	-21.0
10	8	2	10.5	8.7	-1	9	3	41.2	41.3	-3	11	3*	7.6	-5.8
10	10	2*	1.4	-1.6	-1	9	3	64.3	-64.5	3	13	3*	11.4	11.4
10	10	2	22.6	23.1	-1	11	3*	4.0	-2.4	-3	13	3	42.5	42.2
10	12	2	44.6	-44.1	-1	11	3	39.1	-38.8	3	15	3*	5.6	4.1
10	12	2	20.4	20.1	-1	13	3	27.0	26.6	-3	15	3	15.5	16.2
10	14	2*	8.9	7.2	-1	13	3*	8.0	6.9	3	17	3	17.5	17.3
10	16	2	16.9	-15.8	-1	15	3*	5.4	4.1	-3	17	3*	5.6	3.7
11	1	2*	18.1	18.7	-1	15	3*	8.5	-5.3	3	19	3	14.4	14.7
11	1	2	36.3	-36.4	-1	17	3	35.1	34.0	-3	19	3*	7.9	8.0
11	3	2	36.5	-38.1	-1	17	3	91.4	90.1	3	21	3	15.4	-14.7
11	3	2	42.5	43.2	-1	19	3*	12.2	11.6	-3	21	3*	5.0	-6.6
11	5	2*	4.4	1.0	-1	19	3	25.2	23.8	4	0	3	10.2	10.6
11	5	2	13.0	13.1	-1	21	3	18.7	-18.5	-4	0	3*	2.0	-2.6
11	7	2	38.9	38.1	-1	21	3	36.7	-35.7	4	2	3	59.3	58.9
11	7	2	35.5	35.8	-1	23	3	30.3	30.5	-4	2	3*	5.0	7.2
11	9	2	13.8	-15.2	2	0	3	30.2	-30.6	4	4	3	27.2	-28.2
11	11	2*	8.5	10.7	-2	0	3	9.1	-9.9	-4	4	3	7.5	7.6

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
4	6	3	50.9	-50.6	6	12	3*	2.6	2.9	-9	5	3	115.0	114.4
-4	6	3	51.3	52.6	-6	12	3	21.7	21.5	9	7	3	34.4	33.6
4	8	3*	4.7	6.3	6	14	3	57.9	-57.1	-9	7	3	36.1	36.0
-4	8	3*	3.1	1.6	-6	14	3	19.3	-18.6	9	9	3*	2.5	-2.0
4	10	3*	9.5	11.0	6	16	3	65.4	64.7	-9	9	3	20.7	-19.9
-4	10	3	52.2	-52.8	-6	16	3	40.2	39.5	9	11	3*	8.6	-8.2
4	12	3	42.1	41.6	6	18	3	63.4	63.1	-9	11	3	24.9	-24.9
-4	12	3	48.4	48.6	-6	18	3	37.2	-36.7	-9	13	3*	6.3	-7.5
4	14	3*	4.6	-7	-6	20	3	26.0	26.4	-9	15	3*	10.7	-8.3
-4	14	3	20.2	-20.4	7	1	3	19.7	19.5	-9	17	3	71.3	70.5
4	16	3	12.1	12.4	-7	1	3*	5.6	4.9	10	0	3	33.7	-33.1
-4	16	3	41.6	41.6	7	3	3*	5.3	5.5	-10	0	3	25.9	-26.4
4	18	3	62.6	-61.9	-7	3	3*	7.0	-6.1	10	2	3*	17.0	16.6
-4	18	3	44.1	-43.5	7	5	3	27.8	26.9	-10	2	3	52.4	52.2
4	20	3	25.4	24.9	-7	5	3	29.6	-30.3	10	4	3	15.3	15.4
-4	20	3	24.2	24.9	7	7	3*	9.9	-9.5	-10	4	3*	4.4	.9
4	22	3*	8.5	-6.2	-7	7	3	76.4	-76.1	10	6	3	16.9	16.1
-5	1	3*	3.5	4.9	7	9	3	36.8	36.5	-10	6	3	27.6	28.7
5	1	3	20.0	-20.1	-7	9	3	34.8	34.9	-10	8	3*	3.3	.0
-5	3	3	90.3	-88.5	7	11	3	12.7	-13.8	-10	10	3*	3.5	-1.2
5	3	3	82.6	-81.6	-7	11	3	29.5	-29.0	-10	12	3	23.8	24.0
-5	5	3	110.4	109.6	7	13	3	33.2	33.1	-10	14	3	11.9	13.3
5	5	3	130.7	131.9	-7	13	3	54.0	53.9	-10	16	3	21.6	22.3
-5	7	3	16.1	16.5	7	15	3	20.1	19.4	-11	1	3	24.4	24.5
5	7	3	12.7	13.7	-7	15	3*	10.5	10.2	-11	3	3	24.3	-24.3
-5	9	3	48.7	-48.7	7	17	3	62.8	-62.9	-11	5	3	63.9	63.2
5	9	3	12.3	-13.1	-7	19	3*	10.7	-11.9	-11	7	3*	.0	-1.1
-5	11	3*	6.3	-3.0	8	0	3*	5.8	4.6	-11	9	3	20.9	21.1
5	11	3*	15.9	-15.6	-8	0	3*	.0	-4.1	-11	11	3	13.1	12.6
-5	13	3*	8.1	9.0	8	2	3	12.6	12.6	-11	13	3	9.9	10.7
5	13	3	30.5	-30.3	-8	2	3	23.9	23.8	-12	0	3*	3.2	-1.0
-5	15	3	29.2	-28.5	8	4	3*	8.6	-9.3	-12	2	3	33.0	-32.8
5	15	3	36.2	-35.5	-8	4	3*	11.5	-11.5	-12	4	3	15.0	14.8
-5	17	3	51.8	51.7	8	6	3	67.4	67.0	-12	6	3	113.9	113.9
5	17	3	110.8	109.4	-8	6	3	131.7	131.0	-12	8	3*	4.9	-2.0
-5	19	3*	5.5	.0	8	8	3	23.3	-23.4	-12	10	3	48.6	-48.6
5	19	3	22.2	22.1	-8	8	3	28.1	-27.8	-13	1	3	16.1	-16.6
-5	21	3	53.5	-53.7	8	10	3*	9.9	-10.1	-13	3	3*	7.4	4.1
6	0	3	30.8	-30.0	-8	10	3	12.5	12.3	-13	5	3	33.9	35.1
-6	0	3	12.3	-13.0	8	12	3	37.4	36.6	-13	7	3*	11.6	-13.0
6	2	3*	6.4	7.2	-8	12	3	23.9	23.9	0	0	4	127.8	128.4
-6	2	3	48.6	48.1	8	14	3	17.6	-17.5	0	2	4	14.8	-15.7
6	4	3*	4.0	3.4	-8	14	3	68.0	-62.8	0	4	4	37.3	38.6
-6	4	3*	6.4	-5.9	8	16	3	61.9	61.3	0	6	4	11.3	-12.1
6	6	3	128.4	126.8	-8	16	3	55.7	56.5	0	8	4	31.6	-31.7
-6	6	3*	3.3	.2	9	1	3*	5.7	-7.3	0	10	4	51.5	52.2
6	8	3	16.5	-15.0	-9	1	3*	10.4	-10.9	0	12	4	80.5	80.4
-6	8	3	21.2	21.5	9	3	3	31.7	-31.7	0	14	4*	6.9	3.0
6	10	3*	1.4	-.6	-9	3	3	65.2	-64.2	0	16	4	27.4	-26.8
-6	10	3*	8.8	-7.7	9	5	3	104.5	101.2	0	18	4	21.7	22.4

R	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
20	4	19.0	-19.5	-3	7	4	36.3	36.6	-5	15	4	21.5	-21.8
1	4	10.2	10.0	-3	9	4	42.4	-43.1	-5	17	4*	5.6	4.3
1	4	133.2	135.0	-3	9	4	11.0	-12.1	-5	19	4	23.1	-23.5
3	4	21.5	22.3	-3	11	4	139.3	141.1	6	0	4	83.5	82.3
3	4	87.2	-89.2	-3	11	4*	6.9	5.6	-6	0	4	18.2	15.3
5	4	15.3	-14.8	-3	13	4	35.5	35.4	6	2	4	21.0	-20.7
5	4	36.2	-37.9	-3	13	4	28.8	-28.8	-6	2	4	15.9	-16.9
7	4	57.8	58.6	-3	15	4	27.2	-27.6	6	4	4*	.7	2.3
7	4	27.0	28.1	-3	15	4	33.2	33.9	-6	4	4	110.2	110.8
9	4*	2.1	1.2	-3	17	4*	1.6	-.8	6	6	4	13.2	-12.1
9	4	66.2	-67.7	-3	17	4*	5.9	4.2	-6	6	4*	4.1	-6.6
11	4	21.3	21.6	-3	19	4	25.3	-26.1	6	8	4	62.7	-63.3
11	4	145.4	147.1	-3	19	4	17.1	17.8	-6	8	4	54.3	53.8
13	4	15.8	-16.5	-3	21	4	25.7	26.6	6	10	4	35.7	36.9
13	4	20.5	20.4	4	0	4*	.0	-1.3	-6	10	4	9.4	9.8
15	4	18.9	20.0	-4	0	4	172.6	173.8	6	12	4	53.2	55.0
15	4	32.9	-34.1	4	2	4*	1.5	-.7	-6	12	4	16.3	-15.6
17	4	13.7	14.6	-4	2	4	28.6	-28.4	6	14	4*	6.5	-7.5
17	4	22.0	21.2	-4	2	4*	8.2	10.1	-6	14	4	29.8	29.9
19	4*	11.0	11.5	-4	4	4	51.2	-52.2	-6	16	4*	7.0	4.3
19	4	43.1	-44.5	-4	4	4	19.7	-19.6	-6	18	4	26.7	26.6
21	4*	11.5	12.9	-4	6	4	4.0	3.8	7	1	4	23.6	22.5
21	4*	196.2	199.8	-4	6	4*	34.9	35.6	-7	1	4	72.8	72.3
2	4	4.2	6.3	-4	8	4	28.5	-28.4	7	3	4	13.0	-13.7
2	4*	32.6	-33.8	-4	8	4	12.8	13.4	-7	3	4	48.7	-48.7
2	4	22.6	-23.5	-4	10	4	37.9	37.5	7	5	4	39.0	-39.5
2	4	5.7	-6.9	-4	10	4	58.6	-59.7	-7	5	4	34.3	-34.4
2	4*	13.9	13.9	-4	12	4	35.9	35.7	7	7	4	18.3	17.7
2	4	8.4	7.9	-4	12	4	41.8	42.6	-7	7	4	42.4	42.4
2	4*	15.6	15.8	-4	14	4*	6.0	5.1	7	9	4	17.4	-17.6
2	4	7.6	-7.9	-4	14	4	24.5	-25.8	-7	9	4	34.6	-34.4
2	4*	38.6	38.5	-4	16	4	38.2	-37.2	7	11	4	23.4	24.6
2	4	18.8	18.9	-4	16	4	13.6	13.9	-7	11	4	74.5	75.5
2	4*	72.5	73.4	-4	18	4	16.8	16.2	-7	13	4*	.8	.3
2	4	49.0	-48.5	-4	18	4	53.0	-51.8	-7	15	4*	8.5	-9.9
2	4	11.2	-11.3	-4	20	4	15.0	-14.4	-7	17	4	18.4	19.3
2	4*	21.2	21.3	-5	1	4*	24.1	23.2	-7	19	4	19.9	-20.0
2	4	10.4	-11.7	-5	3	4	13.8	13.6	8	0	4	13.8	14.0
2	4*	31.4	-30.5	-5	3	4	18.7	-18.0	-8	0	4	201.3	200.9
2	4	23.4	22.7	-5	5	4*	1.3	-1.6	8	2	4	23.9	-23.6
2	4	39.0	39.2	-5	5	4	35.9	-36.1	-8	2	4	15.3	-15.8
2	4	18.1	-19.2	-5	5	4	47.9	48.5	8	4	4	44.2	43.2
2	4	71.2	72.0	-5	7	4	3.9	.6	-8	4	4*	9.3	-8.4
3	4	75.8	-74.0	-5	7	4*	12.7	-13.4	-8	4	4*	11.3	10.2
3	4*	7.4	6.0	-5	9	4	50.1	-51.1	8	6	4*	5.8	-.1
3	4	82.1	82.9	-5	9	4	8.8	7.8	-8	6	4	24.4	26.2
3	4	17.2	-18.0	-5	11	4*	83.1	82.4	-8	8	4	65.4	-65.7
3	4*	3.1	2.7	-5	11	4	29.0	-30.8	-8	10	4	67.6	67.7
3	4	17.8	-18.4	-5	13	4	4.4	-5.6	-8	12	4	118.4	117.8
3	4			-5	13	4*	17.7	18.9	-8	14	4	19.1	-18.8

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
7	7	5	48.9	49.5	1	9	6	14.8	-14.6	-5	11	6*	4.6	5.0
7	9	5	32.7	-32.7	-1	9	6*	4.0	-.9	-5	13	6	19.9	-19.8
7	11	5	14.1	-15.8	1	11	6	51.1	51.3	-6	0	6	64.9	65.2
7	13	5*	6.3	.8	-1	11	6*	11.7	11.1	-6	2	6*	14.9	-14.8
7	15	5	15.8	-14.9	1	13	6*	2.0	2.7	-6	4	6*	7.9	-3.0
8	0	5	11.8	-12.4	-1	13	6*	14.5	-16.1	-6	6	6*	4.0	3.2
8	2	5*	1.9	2.0	2	0	6	49.4	-48.5	-6	8	6	56.8	-54.9
8	4	5	16.5	15.9	-2	0	6	113.8	111.8	-6	10	6	37.7	37.7
8	6	5	45.1	44.8	2	2	6*	6.2	-5.9	-6	12	6	32.0	32.9
8	8	5*	5.4	3.8	-2	2	6*	11.0	-11.8	-7	1	6	27.5	27.4
8	10	5	30.6	-29.5	2	4	6	41.1	40.7	-7	3	6	20.4	-19.7
8	12	5	26.5	27.4	-2	4	6*	9.6	10.2	-7	5	6	21.5	-21.7
8	14	5	35.0	-35.1	2	6	6*	3.5	-2.7	-7	7	6	13.4	11.4
9	1	5	13.8	12.7	-2	6	6	15.4	-15.7	-7	9	6	40.7	-41.5
9	3	5*	9.1	9.2	2	8	6*	5.1	6.6	-7	11	6	60.1	60.0
9	5	5	33.0	-32.9	-2	8	6	34.7	35.0	-8	0	6*	.0	2.2
9	7	5	60.1	-60.9	2	10	6*	9.8	8.7	-8	2	6	15.4	-14.9
9	9	5	59.5	58.7	-2	10	6	23.6	22.0	-8	4	6	35.6	36.2
9	11	5	15.5	-14.7	-2	12	6	20.5	21.5	-8	6	6*	7.2	-6.2
9	13	5	20.6	20.1	-2	14	6	17.7	17.9	-8	8	6	48.5	49.9
10	0	5*	4.7	1.2	3	1	6*	5.6	-2.7	-8	10	6*	5.8	-1.6
10	2	5	15.8	16.0	-3	1	6	84.4	82.7	-9	1	6	19.5	-20.2
10	4	5*	10.2	-11.4	3	3	6*	9.9	-9.7	-9	3	6	17.4	16.8
10	6	5	58.8	59.9	-3	3	6	36.1	-36.0	-9	5	6*	5.9	-7.0
10	8	5*	7.6	-9.7	3	5	6*	7.1	8.0	-9	7	6*	8.1	8.5
10	10	5	13.9	-14.6	-3	5	6*	13.5	-13.6	-9	9	6	29.4	-29.3
10	12	5	26.8	27.8	3	7	6	29.1	28.5	-10	0	6	136.9	137.6
11	1	5	19.9	-19.5	3	7	6	10.7	-11.0	-10	2	6	26.4	-26.5
11	3	5	41.7	-43.6	3	9	6	37.5	-36.6	-10	4	6*	3.4	-5.0
11	5	5	61.8	62.3	-3	9	6	57.5	-58.0	-10	6	6*	3.5	-1.5
11	7	5*	2.2	-2.7	-3	11	6	135.7	137.9	0	0	7*	.0	-4.3
11	9	5	13.1	-14.9	3	13	6	29.3	28.2	0	2	7	30.6	31.5
12	0	5	22.3	-22.2	-3	15	6	43.3	-43.7	0	4	7*	6.5	-8.0
12	2	5	53.2	54.4	4	0	6	131.9	131.2	1	1	7*	7.1	-6.7
12	4	5	18.4	-19.0	-4	0	6	72.2	71.7	-1	1	7*	8.4	5.2
0	0	6	85.0	84.3	4	2	6	22.2	-21.4	-1	3	7*	.0	3.5
0	2	6	22.9	-23.2	-4	2	6	17.8	-18.4	-1	5	7	20.1	19.5
0	4	6*	5.1	1.1	4	4	6	23.8	-24.5	-1	7	7	17.7	-17.0
0	6	6*	4.4	-.4	-4	4	6	16.8	17.2	-2	0	7*	2.5	-5.1
0	8	6	35.4	-35.5	4	6	6*	11.2	11.7	-2	2	7	19.9	-20.1
0	10	6	28.6	28.7	-4	6	6*	10.5	10.1	-2	4	7*	.0	3.5
0	12	6	39.8	39.6	-4	8	6	13.5	-13.9	-2	6	7	98.7	97.2
1	1	6	49.5	49.3	-4	10	6	27.0	26.9	-2	8	7	11.0	-11.1
-1	1	6	24.0	-23.9	-4	12	6	20.3	21.1	-3	1	7*	7.4	10.4
-1	3	6	13.8	-17.9	-4	14	6*	8.9	6.5	-3	3	7	37.6	-36.9
-1	3	6	43.8	43.4	-5	1	6*	2.2	3.1	-3	5	7	65.5	63.0
-1	5	6	37.9	-37.5	-5	3	6	19.2	19.3	-3	7	7*	6.8	3.1
-1	5	6*	1.2	-3.1	-5	5	6	16.5	-16.9	-4	0	7*	6.3	-6.5
-1	7	6	22.1	21.8	-5	7	6	57.8	57.6	-4	2	7	35.4	35.6
-1	7	6	28.2	29.2	-5	9	6*	6.9	5.3	-4	4	7	13.4	-13.3

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-4	6	7	49.8	-48.6	-5	7	7*	7.6	-8.8	-7	1	7*	8.8	7.4
-4	8	7*	10.4	10.1	-6	0	7	19.9	-19.1	-7	3	7*	.0	-3.7
-5	1	7*	2.5	2.0	-6	2	7*	4.9	-3.3	-7	5	7*	10.1	9.4
-5	3	7	17.7	-17.3	-6	4	7*	7.5	-5.0	-8	0	7	19.5	-19.9
-5	5	7	30.3	30.8	-6	6	7	79.4	77.9	-8	2	7	42.1	41.2

ATTORE SCALA PER SOMMA 1.761611
DISTRIBUZIONE DI R E NUMERO RIFLESSI

PER GRUPPI DI PARLITA'

DDP	DPD	DPP	PDD	PDP	PPD	PPP	DDD	ALL
.0168	.0000	.0000	.0000	.0000	.0142	.0136	.0151	.0148
261	0	0	0	0	259	277	230	1027

PER INTERVALLI	SENTETA/LAMBDA	PASSO	.05000	(PARTENDO DA	.00000)	SECONDA RI					
.0000	.0454	.0260	.0087	.0120	.0105	.0125	.0141	.0181	.0125	.0125	.01
.000	3.237	2.037	1.680	.749	.655	1.076	.864	.753	.529	.446	.4
0	3	12	14	29	44	50	66	87	98	113	1

PER INTERVALLI	FO	PASSO	10	SECONDA	RIGA=	SOM(Delta/SIGMA)/N					
.0837	.0396	.0221	.0145	.0131	.0115	.0094	.0103	.0100	.0084	.0109	.01
.609	.536	.493	.462	.586	.613	.656	.830	.838	.673	.847	.7
21	241	212	165	107	72	42	43	24	16	11	

PER VALORI DEL RAPPORTO I/SIGMA									
.0148	.0148	.0148	.0148	.0148	.0144	.0141	.0138	.0136	.0134
1027	1027	1027	1027	1027	989	953	919	879	849

PER ZONE					
IKL	.0107	HOL	.0113	HKO	.0153
	66		60		122

Manuscript No. 7113 - Sample BMS

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
0	2	0	47.9	-47.4	4	0	0	20.5	19.2	8	4	0	24.0	23.4
0	4	0	69.2	-68.4	4	2	0	6.6	-7.1	8	6	0	23.4	-23.7
0	6	0	23.5	27.5	4	4	0	19.4	19.3	8	8	0	13.7	13.4
0	8	0	28.8	26.7	4	6	0	11.3	-11.4	8	10	0	27.8	27.4
0	10	0	107.9	104.9	4	8	0	113.3	-108.9	8	12	0	40.3	40.8
0	12	0	207.7	209.6	4	10	0	71.5	72.7	8	14	0	13.3	13.4
0	14	0	14.0	-14.7	4	12	0	42.6	43.8	8	16	0	15.8	-16.0
0	16	0	13.3	-12.2	4	14	0	15.6	15.6	8	18	0*	7.2	6.4
0	18	0	25.1	24.6	4	16	0	70.3	-70.8	8	20	0*	8.3	-9.0
0	20	0	61.6	-62.7	4	18	0	26.1	25.8	9	1	0	24.6	24.9
0	22	0	95.5	95.6	4	20	0	54.8	-54.7	9	3	0	18.6	19.5
0	24	0	89.7	88.3	4	22	0	54.2	54.1	9	5	0*	2.9	-3.5
1	1	0	39.0	38.9	4	24	0*	10.1	9.1	9	7	0	68.9	69.8
1	3	0	17.6	17.9	5	1	0	114.7	-109.0	9	9	0	7.9	8.3
1	5	0	26.1	-25.0	5	3	0	63.3	65.6	9	11	0	24.8	25.7
1	7	0	7.1	-6.2	5	5	0	35.8	-36.1	9	13	0	16.3	-16.9
1	9	0	85.3	-80.9	5	7	0	48.6	50.9	9	15	0	26.6	27.9
1	11	0	138.9	138.4	5	9	0*	11.1	-8.7	9	17	0	25.8	26.3
1	13	0	7.4	7.1	5	11	0	42.1	-44.0	10	0	0	101.5	101.8
1	15	0	22.3	-22.3	5	13	0	58.0	-59.0	10	2	0	18.5	-19.0
1	17	0*	6.5	6.5	5	15	0	40.8	40.6	10	4	0*	6.0	5.8
1	19	0	15.0	-14.4	5	17	0*	5.9	-5.4	10	6	0	17.5	17.1
1	21	0	31.2	30.5	5	19	0	12.5	12.2	10	8	0	66.2	-67.0
1	23	0	11.1	12.1	5	21	0	30.8	30.8	10	10	0	45.5	45.2
1	25	0	17.9	17.8	5	23	0	61.9	-61.8	10	12	0	72.0	71.5
2	0	0	5.2	3.6	6	0	0	129.8	127.1	10	14	0*	8.3	-8.2
2	2	0	14.9	-14.7	6	2	0	46.4	-46.8	10	16	0	38.0	-38.4
2	4	0	121.2	121.8	6	4	0	18.4	19.8	11	1	0	69.1	67.6
2	6	0	8.8	8.8	6	6	0	33.5	34.4	11	3	0	13.8	-13.7
2	8	0	35.0	34.5	6	8	0	49.8	50.5	11	5	0	42.2	-42.2
2	10	0	39.4	39.3	6	10	0	10.3	10.2	11	7	0*	4.0	5.9
2	12	0	41.3	-41.6	6	12	0	18.4	-19.2	11	9	0	19.6	-19.0
2	14	0	46.5	46.1	6	14	0	11.7	11.5	11	11	0	79.5	79.5
2	16	0	13.3	-13.8	6	16	0	8.8	8.5	11	13	0	18.8	18.0
2	18	0	45.9	46.0	6	18	0	41.9	42.4	12	0	0*	5.4	-5.0
2	20	0	14.4	14.7	6	20	0	14.3	-16.0	12	2	0*	9.8	8.8
2	22	0	15.2	15.2	6	22	0	17.5	17.4	12	4	0	23.1	22.8
2	24	0	25.6	-25.4	7	1	0	67.9	70.4	12	6	0*	11.1	-10.4
3	1	0	134.2	134.3	7	3	0	49.4	-50.9	12	8	0	35.7	35.7
3	3	0	90.8	-88.8	7	5	0	12.1	-11.3	12	10	0	23.1	22.3
3	5	0	90.3	-87.4	7	7	0	31.7	-33.0	13	1	0	29.1	-28.8
3	7	0	85.1	81.6	7	9	0	103.1	-104.7	13	3	0*	13.1	-13.8
3	9	0	44.2	-45.8	7	11	0	164.9	161.4	13	5	0	11.3	11.6
3	11	0	111.9	109.7	7	13	0	26.2	27.4	0	0	1	5.7	-5.9
3	13	0*	5.1	-4.3	7	15	0	62.5	-63.0	0	2	1*	5.4	-4.2
3	15	0	9.0	-8.8	7	17	0	9.4	10.2	0	4	1*	9.8	5.6
3	17	0	20.2	20.5	7	19	0	46.4	-45.0	0	6	1	157.3	159.6
3	19	0	36.4	-37.2	7	21	0*	5.0	4.4	0	8	1	12.6	-13.2
3	21	0	17.6	16.8	8	0	0	134.9	132.6	0	10	1	62.5	-64.3
3	23	0	36.2	36.5	8	2	0	23.8	-24.2	0	12	1	53.2	54.0

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
0	14	1	47.1	-48.1	-2	18	1	19.0	-18.1	-4	18	1	13.7	-14.1
0	16	1	73.8	74.1	2	20	1	23.3	23.9	4	20	1	27.4	-27.0
0	18	1*	5.8	5.6	-2	20	1	11.5	11.7	-4	20	1	22.9	23.8
0	20	1*	7.9	8.9	2	22	1	20.4	19.4	4	22	1	32.6	-34.2
0	22	1*	7.0	-.5	-2	22	1	34.9	-35.3	-4	22	1*	4.6	1.8
0	24	1*	.0	.6	2	24	1*	9.8	9.6	-4	24	1	11.5	11.4
1	1	1	40.6	-41.2	-2	24	1	28.3	18.9	5	1	1*	2.8	-2.4
-1	1	1	45.4	45.2	3	1	1	18.9	19.0	-5	1	1	21.4	21.8
1	3	1	139.2	-141.1	-3	1	1	46.9	-44.7	5	3	1*	14.7	-14.6
-1	3	1	43.0	43.9	3	3	1	49.1	-50.6	-5	3	1	40.3	-40.6
1	5	1	193.6	192.7	-3	3	1	133.3	-134.3	5	5	1	110.9	108.9
-1	5	1	67.3	-66.4	3	5	1	123.1	123.7	-5	5	1	18.4	19.1
1	7	1	38.1	38.9	-3	5	1	144.0	146.1	5	7	1	23.8	24.2
-1	7	1	122.8	-124.1	3	7	1*	3.0	3.8	-5	7	1	62.3	-62.5
1	9	1	37.4	-37.5	-3	7	1	17.1	18.1	5	9	1	25.4	25.8
-1	9	1	106.4	106.4	3	9	1	7.4	7.0	-5	9	1	44.9	45.3
1	11	1	18.8	-18.8	-3	9	1	66.5	-66.9	5	11	1	42.5	-43.6
-1	11	1	26.3	-26.3	3	11	1	14.5	-13.6	-5	11	1*	4.2	-3.6
1	13	1	59.7	-60.7	-3	11	1	60.5	-60.2	5	13	1	25.3	26.0
-1	13	1	67.2	69.5	3	13	1	46.6	48.0	-5	13	1	15.4	16.3
1	15	1	52.4	-53.0	-3	13	1*	3.9	-4.4	5	15	1	20.1	20.6
-1	15	1	25.5	26.9	3	15	1	8.9	9.3	-5	15	1	9.2	-8.7
1	17	1	158.3	148.2	-3	15	1	29.6	-30.0	5	17	1	34.7	35.8
-1	17	1	61.7	-63.6	3	17	1	19.9	20.4	-5	17	1	8.2	8.5
1	19	1	37.1	36.6	-3	17	1	69.4	70.4	5	19	1	18.5	18.9
-1	19	1	12.6	-12.3	3	19	1*	5.8	5.5	-5	19	1*	.0	1.6
1	21	1	79.9	-80.6	-3	19	1	9.1	8.7	5	21	1*	5.5	-4.4
-1	21	1	16.5	16.9	3	21	1*	9.0	-8.8	-5	21	1	26.9	-27.1
1	23	1	22.1	21.7	-3	21	1	35.4	-35.3	5	23	1	27.8	27.2
-1	23	1	23.0	23.4	3	23	1	38.0	37.6	6	0	1	17.9	-18.4
-1	25	1	9.1	7.7	-3	23	1	24.5	25.2	-6	0	1*	4.2	-3.7
2	0	1	24.4	-23.7	4	0	1	24.1	-23.9	6	2	1	61.7	62.6
-2	0	1	7.3	-7.4	-4	0	1	29.4	-29.4	-6	2	1	13.1	-13.5
2	2	1	138.1	144.0	4	2	1	31.8	-31.7	6	4	1*	3.2	-2.1
-2	2	1	21.5	22.4	-4	2	1	128.5	128.8	-6	4	1*	3.3	2.9
2	4	1*	4.0	1.1	4	4	1	15.8	16.8	6	6	1	84.3	-86.4
-2	4	1	11.1	-11.4	-4	4	1	4.4	-4.6	-6	6	1	250.2	256.1
2	6	1	170.9	173.5	4	6	1	194.5	202.8	-6	8	1	22.7	23.5
-2	6	1	64.5	-65.0	-4	6	1	62.4	63.0	-6	8	1	42.1	-43.6
2	8	1	6.8	6.5	4	8	1	20.1	-21.2	6	10	1*	2.4	-1.9
-2	8	1	20.2	19.8	-4	8	1	10.1	9.8	-6	10	1	46.9	-47.6
2	10	1	37.9	39.1	4	10	1	27.8	-28.4	6	12	1	37.2	38.2
-2	10	1*	10.3	-11.2	-4	10	1	36.3	37.7	-6	12	1	41.7	41.4
2	12	1	39.8	40.5	4	12	1	20.8	20.7	6	14	1	13.6	14.0
-2	12	1	38.2	39.1	-4	12	1	33.7	33.8	-6	14	1	51.0	-51.7
2	14	1	36.1	38.1	4	14	1	115.1	-117.2	6	16	1	16.3	16.1
-2	14	1	84.8	-86.3	-4	14	1*	3.9	5.8	-6	16	1	78.0	79.1
2	16	1	51.2	51.2	4	16	1	104.2	105.9	6	18	1	88.9	-89.2
-2	16	1	64.9	65.5	-4	16	1	45.0	45.0	-6	18	1	69.7	68.7
2	18	1*	8.7	-.8	4	18	1	94.0	95.4	6	20	1	42.7	42.8

H	K	L	ZFOZ	ZFCZ	H	K	L	ZFOZ	ZFCZ	H	K	L	ZFOZ	ZFCZ
-2	2	2	32.2	-31.7	4	4	2	82.0	83.1	-6	6	2	9.2	9.6
2	4	2	62.1	-62.1	-4	4	2	78.3	80.6	6	8	2x	4.9	6.0
-2	4	2	99.8	96.1	4	6	2	21.9	23.1	-6	8	2	53.5	-55.1
2	6	2	6.9	6.5	-4	6	2	13.6	13.9	6	10	2	40.7	40.7
-2	6	2x	4.5	-1.9	4	8	2	27.9	-28.4	-6	10	2	74.2	76.1
2	8	2	5.9	-5.1	-4	8	2	95.5	95.8	6	12	2	14.6	14.9
-2	8	2	94.9	-94.3	4	10	2	39.9	40.0	-6	12	2	74.7	76.0
2	10	2	43.8	45.2	-4	10	2	34.6	34.4	6	14	2	24.2	24.6
-2	10	2	89.9	90.2	4	12	2	100.2	101.2	-6	14	2	12.7	12.8
2	12	2	15.8	15.3	-4	12	2x	5.0	-3.6	6	16	2	26.0	-25.8
-2	12	2	181.9	183.5	4	14	2	12.7	-13.1	-6	16	2	50.0	-49.9
2	14	2	19.8	19.8	-4	14	2	34.5	34.9	6	18	2	13.6	13.6
-2	14	2	15.6	-17.2	4	16	2	10.9	-11.2	-6	18	2	20.0	19.8
2	16	2	32.5	-33.3	-4	16	2	14.5	14.4	6	20	2x	.0	-1.4
-2	16	2	44.5	-44.5	4	18	2	39.6	39.1	-6	20	2	64.2	-65.0
2	18	2	21.7	21.6	-4	18	2	40.0	41.3	-6	22	2	72.2	72.8
-2	18	2	27.9	27.7	4	20	2	20.2	-19.7	7	1	2	14.4	-15.2
2	20	2	44.6	-45.3	-4	20	2	22.4	22.1	-7	1	2	29.5	-31.2
-2	20	2	50.9	-50.7	4	22	2	40.9	41.0	7	3	2	56.6	56.5
2	22	2	46.5	46.7	-4	22	2	16.8	18.0	-7	3	2	44.2	45.4
-2	22	2	74.8	75.2	5	1	2	172.7	172.3	7	5	2	17.8	17.5
-2	24	2	63.4	62.3	-5	1	2	69.0	70.8	-7	5	2	43.6	-43.6
3	1	2	52.1	-52.7	5	3	2	95.9	-96.6	7	7	2	46.3	45.6
-3	1	2	105.9	106.3	-5	3	2	5.6	4.1	-7	7	2	43.5	44.2
3	3	2	39.0	40.0	5	5	2	56.0	-56.0	7	9	2x	3.7	-4.4
-3	3	2	81.3	-73.8	-5	5	2	13.4	13.2	-7	9	2	6.8	7.2
3	5	2	19.6	-18.8	5	7	2	24.7	23.9	7	11	2	32.1	31.6
-3	5	2	74.1	-73.5	-5	7	2	7.1	-6.3	-7	11	2x	3.4	-3.0
3	7	2	50.9	50.9	5	9	2	57.1	-57.1	7	13	2	11.4	-11.2
-3	7	2	29.7	30.3	-5	9	2	83.8	-84.3	-7	13	2	35.5	-36.0
3	9	2	17.2	-16.1	5	11	2	166.9	159.7	7	15	2	22.9	22.8
-3	9	2	62.7	-62.0	-5	11	2	171.0	169.6	-7	15	2	34.0	33.6
3	11	2x	3.7	-2.9	5	13	2	37.2	37.2	7	17	2	15.5	14.9
-3	11	2	114.3	112.0	-5	13	2	30.4	31.6	-7	17	2x	4.1	-4.1
3	13	2	43.3	-44.0	5	15	2	36.1	-36.7	7	19	2	18.2	18.6
-3	13	2x	2.8	1.2	-5	15	2	38.7	-39.2	-7	19	2	9.3	8.7
3	15	2	25.0	26.0	5	17	2	14.1	14.4	-7	21	2	31.7	31.8
-3	15	2	20.8	-20.6	-5	17	2	17.9	18.2	8	0	2	132.1	130.9
3	17	2	10.6	10.3	5	19	2	50.0	-49.7	-8	0	2	39.0	-40.7
-3	17	2	8.2	8.1	-5	19	2	20.3	-20.5	8	2	2	15.4	-16.1
3	19	2	9.6	10.3	5	21	2	14.6	15.8	-8	2	2	12.3	-11.7
-3	19	2	34.5	-34.9	-5	21	2	21.0	22.0	8	4	2	52.7	-52.1
3	21	2	26.4	26.9	-5	23	2	46.4	45.7	-8	4	2	81.2	82.2
-3	21	2	22.1	22.1	6	0	2	62.1	64.1	8	6	2	17.7	17.3
3	23	2	42.1	-42.0	-6	0	2	217.9	224.3	-8	6	2	22.4	22.5
-3	23	2	26.5	27.2	6	2	2x	3.3	-3.1	8	8	2	29.2	-28.9
4	0	2	167.0	168.3	-6	2	2x	5.9	-3.3	-8	8	2x	5.5	-.8
-4	0	2	170.0	176.3	6	4	2	40.1	40.5	8	10	2	38.6	38.2
4	2	2	46.9	-46.0	-6	4	2	74.6	-76.6	-8	10	2	20.8	20.6
-4	2	2	19.7	-19.9	6	6	2	31.3	-31.3	8	12	2	26.6	25.2

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-8	12	2	34.7	-34.4	-11	9	2	16.2	-16.1	-1	23	3	29.3	29.4
8	14	2*	8.2	6.2	-11	11	2	9.2	10.6	2	0	3	25.2	-24.2
-8	14	2	29.4	29.3	-11	13	2	19.2	-19.1	-2	0	3	9.9	-9.3
8	16	2	29.2	-28.4	-11	15	2	15.2	15.7	2	2	3	61.9	-62.0
-8	16	2	17.3	-17.7	-12	0	2	121.2	121.2	-2	2	3	12.3	11.6
-8	18	2	43.3	43.7	-12	2	2	38.8	-38.2	2	4	3*	6.2	5.4
-8	20	2*	.0	-1.6	-12	4	2	18.4	-19.2	-2	4	3	17.7	17.7
9	1	2	12.2	11.9	-12	6	2	23.1	22.3	2	6	3	136.6	131.2
-9	1	2	57.6	58.3	-12	8	2	12.2	-12.6	-2	6	3	230.2	226.8
9	3	2	14.2	13.5	-12	10	2	11.7	12.1	2	8	3	19.3	-19.9
-9	3	2	76.1	-76.9	-12	12	2	32.5	32.1	-2	8	3	21.0	-21.4
9	5	2	33.8	-33.7	-13	1	2	65.7	66.0	2	10	3	85.3	-86.5
-9	5	2	49.6	-49.7	-13	3	2	16.3	-16.2	-2	10	3	6.2	-6.5
9	7	2	13.1	-13.2	-13	5	2	18.5	-18.6	2	12	3	26.1	25.7
-9	7	2	12.9	12.9	-13	7	2*	1.6	-2.1	-2	12	3	31.0	30.7
9	9	2	24.8	-25.2	-13	9	2	35.5	-34.6	2	14	3	72.9	-72.3
-9	9	2	66.0	-65.8	0	0	3	34.1	-33.1	-2	14	3	77.7	-78.0
9	11	2	56.1	55.2	0	2	3	127.6	122.3	2	16	3	68.7	68.1
-9	11	2	71.8	71.8	0	4	3*	4.8	-4.3	-2	16	3	96.3	97.0
9	13	2*	3.5	.3	0	6	3	35.8	35.6	2	18	3*	11.0	9.7
-9	13	2	10.0	-10.2	0	8	3	16.2	16.4	-2	18	3	92.1	91.9
9	15	2*	5.1	-7.8	0	10	3	51.4	53.2	2	20	3*	.0	.7
-9	15	2	27.6	-27.5	0	12	3	24.1	24.0	-2	20	3	20.2	-20.3
-9	17	2*	7.4	7.4	0	14	3	18.3	18.5	2	22	3	14.4	-14.4
-9	19	2	44.7	-44.3	0	16	3	38.3	38.4	-2	22	3	13.5	-13.9
10	0	2	32.7	-31.9	0	18	3	14.9	-14.5	3	1	3*	5.2	3.5
10	0	2	83.2	84.6	0	20	3	23.5	23.1	-3	1	3	32.6	32.1
10	2	2	13.5	-13.4	0	22	3*	.0	.3	3	3	3*	9.2	8.7
10	2	2	22.5	-23.1	1	1	3	23.2	22.9	-3	3	3*	5.1	4.6
10	4	2	51.6	50.9	-1	1	3	29.3	-29.5	3	5	3	18.8	18.2
10	4	2	28.4	28.2	1	3	3	16.7	-18.3	-3	5	3	32.0	32.0
10	6	2*	.0	-1.2	-1	3	3	117.7	-111.7	3	7	3	42.5	-43.5
10	6	2	26.1	-26.6	1	5	3	54.8	55.5	-3	7	3	43.3	-43.3
10	8	2	29.5	29.0	-1	5	3	194.0	195.1	3	9	3	58.8	59.2
10	8	2*	6.7	5.8	1	7	3	26.8	-24.5	-3	9	3	65.3	67.1
10	10	2*	.0	-.2	-1	7	3	72.2	73.0	3	11	3	20.9	-20.8
10	10	2	21.3	21.1	1	9	3	39.3	39.2	-3	11	3	9.4	-8.8
10	12	2	45.6	-44.2	-1	9	3	63.7	-65.7	3	13	3	8.1	7.9
10	12	2	24.4	24.6	1	11	3*	5.4	-5.6	-3	13	3	39.3	39.5
10	14	2*	7.8	6.7	-1	11	3	41.4	-41.8	3	15	3*	4.7	2.8
10	16	2	15.1	-15.4	1	13	3	21.1	20.8	-3	15	3	15.9	16.1
11	1	2	13.5	14.0	-1	13	3*	.0	2.1	3	17	3	12.0	12.4
11	1	2	37.6	-38.0	1	15	3*	.0	-.8	-3	17	3*	1.4	-1.2
11	3	2	33.4	-33.1	-1	15	3	14.0	-14.4	3	19	3	11.8	11.8
11	3	2	42.1	42.7	1	17	3	26.2	26.9	-3	19	3*	1.4	5.9
11	5	2*	2.8	-.6	-1	17	3	87.5	88.0	3	21	3	16.3	-15.2
11	5	2	11.4	11.3	1	19	3	8.2	8.5	-3	21	3*	5.5	-4.9
11	7	2	40.4	39.8	-1	19	3	20.8	21.1	-3	23	3	25.1	25.4
11	7	2	30.9	31.7	1	21	3	19.5	-19.4	4	0	3*	4.2	4.8
11	9	2	33.9	-33.2	-1	21	3	35.8	-35.3	-4	0	3*	1.0	.7

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
4	2	3	61.3	61.2	6	8	3	16.3	-16.6	-9	1	3	12.8	-13.0
-4	2	3	10.2	10.1	-6	8	3	21.4	21.9	9	3	3	32.4	-32.3
4	4	3	26.2	-26.3	6	10	3*	.0	-3.8	-9	3	3	64.1	-64.0
-4	4	3	8.5	8.6	-6	10	3*	1.7	-1.5	9	5	3	102.6	100.5
4	6	3	60.5	-61.8	6	12	3*	5.9	3.8	-9	5	3	112.9	113.8
-4	6	3	42.4	42.7	-6	12	3	24.0	23.3	9	7	3	35.0	34.7
4	8	3	7.7	8.1	6	14	3	58.4	-57.9	-9	7	3	34.4	34.9
-4	8	3*	7.6	6.9	-6	14	3	14.3	-14.6	9	9	3*	3.2	-3.6
4	10	3	14.8	15.5	6	16	3	61.2	61.7	-9	9	3	22.3	-21.5
-4	10	3	45.6	-46.0	-6	16	3	42.7	42.7	9	11	3*	4.0	-4.6
4	12	3	38.9	38.8	6	18	3	66.6	65.2	-9	11	3	25.6	-25.6
-4	12	3	50.5	50.4	-6	18	3	33.6	-33.5	-9	13	3	9.1	-9.1
4	14	3*	2.4	1.7	-6	20	3	28.1	28.0	-9	15	3	14.0	-14.6
-4	14	3	17.0	-17.6	7	1	3	17.7	17.4	-9	17	3	71.2	70.5
4	16	3	14.1	13.3	-7	1	3*	5.3	4.5	10	0	3	32.4	-31.5
-4	16	3	44.9	44.7	7	3	3*	5.7	6.6	-10	0	3	22.8	-22.9
4	18	3	66.2	-65.8	-7	3	3	9.6	-9.8	10	2	3	12.3	12.5
-4	18	3	46.4	-46.5	7	5	3	28.3	27.1	-10	2	3	47.9	47.7
4	20	3	26.4	25.8	-7	5	3	38.1	-38.9	10	4	3	16.5	15.5
-4	20	3	27.6	27.5	7	7	3*	12.3	-11.7	-10	4	3*	3.7	1.5
4	22	3*	5.0	-1.9	-7	7	3	83.2	-82.8	-10	6	3	16.5	16.8
-5	1	3*	3.3	3.0	7	9	3	37.4	37.2	-10	6	3	27.4	27.3
5	1	3	22.8	-23.0	-7	9	3	32.5	32.4	10	8	3	26.2	25.9
-5	3	3	85.7	-85.6	7	11	3	15.1	-14.6	-10	8	3*	1.5	4.2
5	3	3	83.6	-84.0	-7	11	3	31.0	-30.7	-10	10	3*	.0	-1.5
-5	5	3	99.1	99.4	7	13	3	27.9	28.3	-10	12	3	22.1	22.3
5	5	3	125.5	120.0	-7	13	3	47.7	47.5	-10	14	3	11.9	11.6
-5	7	3	12.9	13.5	7	15	3	16.7	16.5	-10	16	3	24.8	25.7
5	7	3	9.2	10.8	-7	15	3	8.6	8.3	-11	1	3	23.1	23.4
-5	9	3	46.0	-46.3	-7	17	3	66.8	-66.5	-11	3	3	23.5	-23.0
5	9	3	16.4	-18.1	-7	19	3	20.7	-20.4	-11	5	3	52.5	52.5
-5	11	3	8.4	-8.7	8	0	3*	5.0	4.0	-11	7	3*	6.9	-6.8
5	11	3	20.0	-20.0	-8	0	3*	3.2	-.7	-11	9	3	21.2	20.5
-5	13	3	8.0	8.1	8	2	3	13.3	13.7	-11	11	3	10.4	10.3
5	13	3	34.9	-34.9	-8	2	3	24.1	23.6	-11	13	3*	11.3	10.9
-5	15	3	29.0	-28.6	8	4	3	12.8	-12.1	-12	0	3*	4.6	4.3
5	15	3	39.5	-39.5	-8	4	3	17.6	-16.8	-12	2	3	27.1	-26.7
-5	17	3	43.3	43.5	8	6	3	59.0	58.3	-12	4	3	18.9	18.8
5	17	3	99.2	97.9	-8	6	3	124.5	124.0	-12	6	3	110.7	108.8
-5	19	3*	.0	-.9	8	8	3	20.5	-20.0	-12	8	3*	3.6	2.7
5	19	3	22.0	22.1	-8	8	3	28.6	-28.6	-12	10	3	41.8	-40.8
-5	21	3	55.9	-55.7	8	10	3	9.4	-9.7	-12	12	3	26.4	25.5
6	0	3	29.8	-30.3	-8	10	3	13.4	13.4	-13	1	3	19.2	-18.5
-6	0	3	16.7	-15.6	8	12	3	35.2	34.4	-13	3	3*	4.3	-.5
6	2	3*	4.1	1.7	-8	12	3	26.8	27.0	-13	5	3	31.7	32.3
-6	2	3	50.9	51.3	8	14	3	14.2	-13.0	-13	7	3	11.9	-11.0
6	4	3*	1.9	1.9	-8	14	3	58.9	-58.7	0	0	4	130.7	127.5
-6	4	3*	1.2	.5	-8	16	3	54.9	54.5	0	2	4	15.7	-15.6
6	6	3	129.6	130.3	-8	18	3	54.5	53.9	0	4	4	56.9	57.0
-6	6	3	6.7	5.4	9	1	3*	.0	-3.7	0	6	4	9.2	-8.0

