

Tables Useful for the Calculation of the Molecular Integrals VII¹⁾

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In Part VII, the following numerical tables are given ;
Table XXIV :

$$W_r^\nu(m, n; \alpha, \beta) = \int_1^\infty \int_1^\infty Q_r^\nu(\lambda_+) P_r^\nu(\lambda_-) e^{-\alpha\lambda_1 - \beta\lambda_2} \\ \times \lambda_1^m \lambda_2^n (\lambda_1^2 - 1)^{\nu/2} (\lambda_2^2 - 1)^{\nu/2} d\lambda_1 d\lambda_2,$$

where α and β are 11.50, 5.25 ; 17.75, 5.25 ; 17.75, 11.50. We are much indebted to the members of the Kotani-Laboratory and the Ministry of Education for the financial aids.

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Table XXIV. $W_r^{\alpha}(m, n; \alpha, \beta)$

	α, β		11-50, 5-25		17-75, 5-25		17-75, 11-50	
	α	β	m		m		m	
$W_0^0(m, 0)$	0	0	0.0 ⁵	00011 67842 46632 61	0.0 ¹⁰	01521 39828 50773	0.0 ¹⁰	00001 58459 12232 505
	1	0	0.0 ⁵	00012 58189 84028 75	0.0 ¹⁰	01600 35939 54036	0.0 ¹⁰	00001 66357 14574 559
	2	0	0.0 ⁵	00013 62661 09157 86	0.0 ¹⁰	01687 55919 51838	0.0 ¹⁰	00001 75053 95893 310
	3	0	0.0 ⁵	00014 84598 77658 67	0.0 ¹⁰	01784 29328 71494	0.0 ¹⁰	00001 84672 22775 227
	4	0	0.0 ⁵	00016 28408 82196 74	0.0 ¹⁰	01892 13013 41702	0.0 ¹⁰	00001 95359 99123 440
	5	0	0.0 ⁵	00017 99986 44397 79	0.0 ¹⁰	02012 98318 32212	0.0 ¹⁰	00002 07297 27805 393
	6	0	0.0 ⁵	00020 07348 08577 56	0.0 ¹⁰	02149 20595 16687	0.0 ¹⁰	00002 20704 80820 120
	7	0	0.0 ⁵	00022 61586 28295 61	0.0 ¹⁰	02303 71863 39927	0.0 ¹⁰	00002 35855 55112 097
	8	0	0.0 ⁵	00025 78340 56228 09	0.0 ¹⁰	02480 17844 37195	0.0 ¹⁰	00002 53090 23926 450
$W_0^0(m, 1)$	0	0	0.0 ⁵	00013 38761 30928 17	0.0 ¹⁰	01738 23796 59987	0.0 ¹⁰	00001 69819 46781 737
	1	0	0.0 ⁵	00014 43320 00566 19	0.0 ¹⁰	01829 12770 68924	0.0 ¹⁰	00001 78322 88112 857
	2	0	0.0 ⁵	00015 64343 82836 87	0.0 ¹⁰	01929 55987 96376	0.0 ¹⁰	00001 87689 06465 791
	3	0	0.0 ⁵	00017 05751 02274 81	0.0 ¹⁰	02041 04286 75514	0.0 ¹⁰	00001 98050 79741 227
	4	0	0.0 ⁵	00018 72711 53305 86	0.0 ¹⁰	02165 40408 05451	0.0 ¹⁰	00002 09568 36337 571
	5	0	0.0 ⁵	00020 72149 90375 00	0.0 ¹⁰	02304 87457 69170	0.0 ¹⁰	00002 22436 73077 613
	6	0	0.0 ⁵	00023 13491 98900 85	0.0 ¹⁰	02462 20070 33655	0.0 ¹⁰	00002 36894 99533 162
	7	0	0.0 ⁵	00026 09794 05647 80	0.0 ¹⁰	02640 79284 63534	0.0 ¹⁰	00002 53238 92521 418
	8	0	0.0 ⁵	00029 79483 30196 06	0.0 ¹⁰	02844 92570 86152	0.0 ¹⁰	00002 71837 80147 921
$W_0^0(m, 2)$	0	0	0.0 ⁵	00015 62704 71069 76	0.0 ¹⁰	02021 70891 89673	0.0 ¹⁰	00001 82871 82398 595
	1	0	0.0 ⁵	00016 86009 81592 40	0.0 ¹⁰	02128 25663 77991	0.0 ¹⁰	00001 92073 62090 979
	2	0	0.0 ⁵	00018 28890 43316 06	0.0 ¹⁰	02246 06625 34629	0.0 ¹⁰	00002 02212 28324 561
	3	0	0.0 ⁵	00019 96034 77573 66	0.0 ¹⁰	02376 92816 41988	0.0 ¹⁰	00002 13432 34102 859
	4	0	0.0 ⁵	00021 93636 15855 42	0.0 ¹⁰	02523 01327 94206	0.0 ¹⁰	00002 25908 31302 633
	5	0	0.0 ⁵	00024 30000 01934 58	0.0 ¹⁰	02686 97436 25325	0.0 ¹⁰	00002 39852 54308 121
	6	0	0.0 ⁵	00027 16446 08338 02	0.0 ¹⁰	02872 07984 14111	0.0 ¹⁰	00002 55525 50949 689
	7	0	0.0 ⁵	00030 68673 80774 75	0.0 ¹⁰	03082 39225 00544	0.0 ¹⁰	00002 73249 52302 304
	8	0	0.0 ⁵	00035 08869 13662 91	0.0 ¹⁰	03323 00868 41793	0.0 ¹⁰	00002 93427 11820 012

$W_0^0(m, 3)$

0	0.0 ⁵	00018	65341	20692	14
1	0.0 ⁵	00020	14146	62986	31
2	0.0 ⁵	00021	86788	77950	79
3	0.0 ⁵	00023	89018	08699	73
4	0.0 ⁵	00026	28441	92088	87
5	0.0 ⁵	00029	15277	00076	15
6	0.0 ⁵	00032	63468	99332	11
7	0.0 ⁵	00036	92389	06921	59
8	0.0 ⁵	00042	29454	61913	73

$W_0^0(m, 4)$

0	0.0 ⁵	00022	89364	23799	21
1	0.0 ⁵	00024	74120	05608	84
2	0.0 ⁵	00026	88762	11063	93
3	0.0 ⁵	00029	40559	48659	97
4	0.0 ⁵	00032	39144	60955	69
5	0.0 ⁵	00035	97476	21439	93
6	0.0 ⁵	00040	33274	39545	60
7	0.0 ⁵	00045	71198	44383	03
8	0.0 ⁵	00052	46216	03631	20

$W_0^0(m, 5)$

0	0.0 ⁵	00029	08883	77269	16
1	0.0 ⁵	00031	46464	12636	30
2	0.0 ⁵	00034	22878	85842	36
3	0.0 ⁵	00037	47658	98562	38
4	0.0 ⁵	00041	33458	26786	96
5	0.0 ⁵	00045	97333	96107	45
6	0.0 ⁵	00051	62658	90951	95
7	0.0 ⁵	00058	62028	67597	06
8	0.0 ⁵	00067	41767	27670	29

$W_0^0(m, 6)$

0	0.0 ⁵	00038	58628	51052	54
1	0.0 ⁵	00041	77597	60822	75
2	0.0 ⁵	00045	49271	93331	27
3	0.0 ⁵	00049	86711	93928	91
4	0.0 ⁵	00055	07293	69825	44
5	0.0 ⁵	00061	34492	08512	70
6	0.0 ⁵	00069	00548	64771	19
7	0.0 ⁵	00078	50536	63588	47
8	0.0 ⁵	00090	48675	25345	66

0.0 ¹⁰	00001	98004	59242	040
0.0 ¹⁰	00002	08019	41308	049
0.0 ¹⁰	00002	19057	70348	462
0.0 ¹⁰	00002	31277	77702	309
0.0 ¹⁰	00002	44870	85763	716
0.0 ¹⁰	00002	60069	69091	732
0.0 ¹⁰	00002	77159	87519	317
0.0 ¹⁰	00002	96494	92020	898
0.0 ¹⁰	00003	18516	46949	090

0.0 ¹⁰	00002	15727	38966	717
0.0 ¹⁰	00002	26698	31790	021
0.0 ¹⁰	00002	38794	98255	683
0.0 ¹⁰	00002	52192	03354	253
0.0 ¹⁰	00002	67100	50523	594
0.0 ¹⁰	00002	83777	35109	132
0.0 ¹⁰	00003	02537	99318	467
0.0 ¹⁰	00003	23773	00439	963
0.0 ¹⁰	00003	47970	51653	361

0.0 ¹⁰	00002	36719	01459	446
0.0 ¹⁰	00002	48827	07231	068
0.0 ¹⁰	00002	62183	01002	088
0.0 ¹⁰	00002	76981	06525	648
0.0 ¹⁰	00002	93456	03930	537
0.0 ¹⁰	00003	11893	94593	932
0.0 ¹⁰	00003	32646	03172	064
0.0 ¹⁰	00003	56147	41894	925
0.0 ¹⁰	00003	82942	15499	078

0.0 ¹⁰	00002	61898	44047	636
0.0 ¹⁰	00002	75376	07515	725
0.0 ¹⁰	00002	90249	33441	586
0.0 ¹⁰	00003	06736	24483	922
0.0 ¹⁰	00003	25100	49067	496
0.0 ¹⁰	00003	45663	42464	262
0.0 ¹⁰	00003	68819	88742	905
0.0 ¹⁰	00003	95059	25071	580
0.0 ¹⁰	00004	24993	70149	887

	α, β		11·50, 5·25		17·75, 5·25		17·75, 11·50	
	α	β	m		m		m	
$W_0^0(m, 7)$	0		0.05	00053 95939 00381 73	0.010	06839 68841 08730	0.010	00002 92531 83407 723
	1		0.05	00058 47206 18003 92	0.010	07215 61143 05009	0.010	00003 07682 42776 772
	2		0.05	00063 73846 40986 60	0.010	07632 82651 02622	0.010	00003 24409 90173 008
	3		0.05	00069 94722 58507 40	0.010	08098 13254 72439	0.010	00003 42961 58940 318
	4		0.05	00077 34986 66472 49	0.010	08619 18202 44316	0.010	00003 63636 78106 700
	5		0.05	00086 28699 32147 74	0.010	09208 08085 38112	0.010	00003 86800 42456 914
	6		0.05	00097 22758 65177 77	0.010	09875 54999 21862	0.010	00004 12901 17855 094
	7		0.05	00110 82901 09686 66	0.010	10638 03670 20386	0.010	00004 42495 43726 058
		0.05	00128 03046 25470 24	0.010	11515 51332 88812	0.010	00004 76279 63669 333	
$W_0^0(m, 8)$	0		0.05	00080 38699 85648 7	0.010	10151 76068 01163	0.010	00003 30397 05156 244
	1		0.05	00087 18166 45060 9	0.010	10713 73063 16781	0.010	00003 47623 68783 215
	2		0.05	00095 12279 79995 7	0.010	11337 86256 77952	0.010	00003 66653 10781 558
	3		0.05	00104 50008 16150 5	0.010	12034 46177 29568	0.010	00003 87769 32706 931
	4		0.05	00115 70065 15939 1	0.010	12816 10962 84883	0.010	00004 11316 23366 039
	5		0.05	00129 25002 99517 8	0.010	13698 29154 85309	0.010	00004 37713 41996 093
	6		0.05	00145 87366 73394 5	0.010	14700 23266 24916	0.010	00004 67477 05480 842
	7		0.05	00166 59119 57754 0	0.010	15846 02138 23538	0.010	00005 01247 67412 200
		0.05	00192 86360 33684 7	0.010	17166 13630 43742	0.010	00005 39827 57022 028	
$W_1^0(m, 0)$	0		0.05	00005 10293 82460 66	0.010	00680 04136 89886	0.010	00000 77956 16492 216
	1		0.05	00005 47046 73560 26	0.010	00713 65460 51120	0.010	00000 81554 45281 539
	2		0.05	00005 89152 49705 35	0.010	00750 60874 66456	0.010	00000 85490 63011 444
	3		0.05	00006 37792 93535 72	0.010	00791 40450 94449	0.010	00000 89813 03153 516
	4		0.05	00006 94501 27884 87	0.010	00836 64317 82329	0.010	00000 94579 33924 735
	5		0.05	00007 61293 99702 18	0.010	00887 05197 94450	0.010	00000 99858 87040 137
	6		0.05	00008 40862 51830 10	0.010	00943 51717 18281	0.010	00001 05735 54372 270
		0.05	00009 36856 81312 90	0.010	01007 12760 58672	0.010	00001 12311 76259 896	
$W_1^0(m, 1)$	0		0.05	00005 72126 16197 21	0.010	00758 21503 35749	0.010	00000 82865 93141 245
	1		0.05	00006 14036 66779 80	0.010	00796 18000 29841	0.010	00000 86720 99530 680
	2		0.05	00006 62137 68335 08	0.010	00837 96158 22572	0.010	00000 90940 21753 258
	3		0.05	00007 17811 84918 37	0.010	00884 13750 57207	0.010	00000 95575 92022 763
	4		0.05	00007 82856 78696 68	0.010	00935 40255 53178	0.010	00001 00690 57649 459
	5		0.05	00008 59641 96738 60	0.010	00992 59831 31816	0.010	00001 06359 30023 609
	6		0.05	00009 51337 25079 29	0.010	01056 75202 27755	0.010	00001 12673 07630 043
		0.05	00010 62251 56798 71	0.010	01129 12782 34480	0.010	00001 19742 99006 231	

$W_1^0(m, 2)$	0	0.0 ⁵	00006	50132	70761	62	0.0 ¹⁰	00856	35533	88434	0.0 ¹⁰	00000	88425	43363	434
	1	0.0 ⁵	00006	98644	25041	87	0.0 ¹⁰	00899	83242	14463	0.0 ¹⁰	00000	92573	50288	870
	2	0.0 ⁵	00007	54434	55415	19	0.0 ¹⁰	00947	73477	52937	0.0 ¹⁰	00000	97115	93194	186
	3	0.0 ⁵	00008	19150	91358	33	0.0 ¹⁰	01000	73971	19244	0.0 ¹⁰	00001	02109	65814	096
	4	0.0 ⁵	00008	94940	50563	90	0.0 ¹⁰	01059	66311	59215	0.0 ¹⁰	00001	07622	70512	419
	5	0.0 ⁵	00009	84641	07487	40	0.0 ¹⁰	01125	49497	51615	0.0 ¹⁰	00001	13736	90925	385
	6	0.0 ⁵	00010	92059	39247	12	0.0 ¹⁰	01199	44587	14557	0.0 ¹⁰	00001	20551	45824	885
	7	0.0 ⁵	00012	22384	88203	30	0.0 ¹⁰	01283	00838	64179	0.0 ¹⁰	00001	28187	52668	784
$W_1^0(m, 3)$	0	0.0 ⁵	00007	51051	50330	91	0.0 ¹⁰	00982	69955	28488	0.0 ¹⁰	00000	94768	81026	673
	1	0.0 ⁵	00008	08227	12818	61	0.0 ¹⁰	01033	33481	67461	0.0 ¹⁰	00000	99253	83932	437
	2	0.0 ⁵	00008	74132	00193	00	0.0 ¹⁰	01089	19376	84077	0.0 ¹⁰	00001	04168	23278	403
	3	0.0 ⁵	00009	50771	51291	37	0.0 ¹⁰	01151	08573	05363	0.0 ¹⁰	00001	09574	31530	148
	4	0.0 ⁵	00010	40767	43992	69	0.0 ¹⁰	01219	98744	00360	0.0 ¹⁰	00001	15546	59634	360
	5	0.0 ⁵	00011	47595	64640	69	0.0 ¹⁰	01297	08640	00716	0.0 ¹⁰	00001	22174	77592	739
	6	0.0 ⁵	00012	75934	18897	98	0.0 ¹⁰	01383	83772	44487	0.0 ¹⁰	00001	29567	64777	830
	7	0.0 ⁵	00014	32181	91337	39	0.0 ¹⁰	01482	03938	13757	0.0 ¹⁰	00001	37858	21496	271
$W_1^0(m, 4)$	0	0.0 ⁵	00008	85538	26955	92	0.0 ¹⁰	01150	25660	50525	0.0 ¹⁰	00001	02068	27342	213
	1	0.0 ⁵	00009	54425	47386	89	0.0 ¹⁰	01210	46443	51845	0.0 ¹⁰	00001	06944	16953	261
	2	0.0 ⁵	00010	34033	31534	87	0.0 ¹⁰	01276	97423	88691	0.0 ¹⁰	00001	12290	36511	693
	3	0.0 ⁵	00011	26866	51347	48	0.0 ¹⁰	01350	77551	72792	0.0 ¹⁰	00001	18175	53222	675
	4	0.0 ⁵	00012	36211	07401	71	0.0 ¹⁰	01433	06497	68894	0.0 ¹⁰	00001	24681	83057	360
	5	0.0 ⁵	00013	66439	44404	59	0.0 ¹⁰	01525	30078	88460	0.0 ¹⁰	00001	31908	24638	837
	6	0.0 ⁵	00015	23458	98658	69	0.0 ¹⁰	01629	27390	81684	0.0 ¹⁰	00001	39974	93081	253
	7	0.0 ⁵	00017	15382	48783	85	0.0 ¹⁰	01747	20271	49498	0.0 ¹⁰	00001	49028	88942	047
$W_1^0(m, 5)$	0	0.0 ⁵	00010	71114	55847	58	0.0 ¹⁰	01380	39307	12519	0.0 ¹⁰	00001	10547	94342	503
	1	0.0 ⁵	00011	56386	11618	76	0.0 ¹⁰	01453	85148	60568	0.0 ¹⁰	00001	15881	61002	848
	2	0.0 ⁵	00012	55207	45050	58	0.0 ¹⁰	01535	11860	25975	0.0 ¹⁰	00001	21733	92092	114
	3	0.0 ⁵	00013	70803	92755	02	0.0 ¹⁰	01625	43830	12304	0.0 ¹⁰	00001	28181	10377	191
	4	0.0 ⁵	00015	07423	86850	44	0.0 ¹⁰	01726	31845	01172	0.0 ¹⁰	00001	35314	43573	003
	5	0.0 ⁵	00016	70744	02886	60	0.0 ¹⁰	01839	60089	81952	0.0 ¹⁰	00001	43243	98406	781
	6	0.0 ⁵	00018	68468	00329	68	0.0 ¹⁰	01967	55372	90765	0.0 ¹⁰	00001	52103	47015	247
	7	0.0 ⁵	00021	11224	72282	28	0.0 ¹⁰	02112	99403	41859	0.0 ¹⁰	00001	62056	65284	110

$W_2^0(m, 2)$	0	0.0 ⁵	00003	49587	31661	4	0.0 ¹⁰	00465	50947	0144	0.0 ¹⁵	52674	36355	564
	1	0.0 ⁵	00003	74769	03829	2	0.0 ¹⁰	00488	59866	7299	0.0 ¹⁵	55019	11427	853
	2	0.0 ⁵	00004	03591	45884	4	0.0 ¹⁰	00513	98169	8885	0.0 ¹⁵	57575	18368	313
	3	0.0 ⁵	00004	36847	25353	3	0.0 ¹⁰	00542	00095	3478	0.0 ¹⁵	60371	48478	504
	4	0.0 ⁵	00004	75560	20540	8	0.0 ¹⁰	00573	06708	3380	0.0 ¹⁵	63442	26701	511
	5	0.0 ⁵	00005	21069	81782	5	0.0 ¹⁰	00607	67604	9733	0.0 ¹⁵	66828	36119	165
	6	0.0 ⁵	00005	75153	27935	6	0.0 ¹⁰	00646	43128	5257	0.0 ¹⁵	70578	77672	908
$W_2^0(m, 3)$	0	0.0 ⁵	00003	95016	01795	3	0.0 ¹⁰	00521	23671	57120	0.0 ¹⁵	56038	88471	796
	1	0.0 ⁵	00004	24281	74626	4	0.0 ¹⁰	00547	62792	4063	0.0 ¹⁵	58564	06439	034
	2	0.0 ⁵	00004	57886	68154	1	0.0 ¹⁰	00576	69161	8439	0.0 ¹⁵	61319	15207	594
	3	0.0 ⁵	00004	96797	08305	5	0.0 ¹⁰	00608	83383	4137	0.0 ¹⁵	64335	86791	127
	4	0.0 ⁵	00005	42266	61061	6	0.0 ¹⁰	00644	54289	5505	0.0 ¹⁵	67651	82613	990
	5	0.0 ⁵	00005	95943	41805	7	0.0 ¹⁰	00684	41027	5441	0.0 ¹⁵	71311	91757	881
	6	0.0 ⁵	00006	60025	25995	0	0.0 ¹⁰	00729	15780	5193	0.0 ¹⁵	75370	08486	608
$W_2^0(m, 4)$	0	0.0 ⁵	00004	53222	15256	2	0.0 ¹⁰	00592	03466	6614	0.0 ¹⁵	59857	01493	030
	1	0.0 ⁵	00004	87843	67555	5	0.0 ¹⁰	00622	68120	6908	0.0 ¹⁵	62589	43476	720
	2	0.0 ⁵	00005	27742	71831	4	0.0 ¹⁰	00656	49605	0276	0.0 ¹⁵	65573	37350	409
	3	0.0 ⁵	00005	74124	24581	9	0.0 ¹⁰	00693	96995	9313	0.0 ¹⁵	68843	85165	225
	4	0.0 ⁵	00006	28559	77589	8	0.0 ¹⁰	00735	69496	6397	0.0 ¹⁵	72442	44619	945
	5	0.0 ⁵	00006	93126	74643	5	0.0 ¹⁰	00782	39047	9100	0.0 ¹⁵	76418	83783	736
	6	0.0 ⁵	00007	70611	49719	7	0.0 ¹⁰	00834	93745	7820	0.0 ¹⁵	80832	79992	921
$W_2^0(m, 5)$	0	0.0 ⁵	00005	29943	13870	6	0.0 ¹⁰	00684	55898	8042	0.0 ¹⁵	64224	64681	908
	1	0.0 ⁵	00005	71790	06783	8	0.0 ¹⁰	00720	84467	4966	0.0 ¹⁵	67197	07956	063
	2	0.0 ⁵	00006	20211	61185	7	0.0 ¹⁰	00760	96617	3003	0.0 ¹⁵	70446	37488	041
	3	0.0 ⁵	00006	76750	74761	8	0.0 ¹⁰	00805	53021	2307	0.0 ¹⁵	74011	46980	513
	4	0.0 ⁵	00007	43431	70298	4	0.0 ¹⁰	00855	27120	8734	0.0 ¹⁵	77938	65239	107
	5	0.0 ⁵	00008	22947	12219	4	0.0 ¹⁰	00911	08479	1330	0.0 ¹⁵	82283	30849	907
	6	0.0 ⁵	00009	18932	42767	4	0.0 ¹⁰	00974	07187	7682	0.0 ¹⁵	87112	17010	495
$W_2^0(m, 6)$	0	0.0 ⁵	00006	34515	10708	7	0.0 ¹⁰	00809	61315	0655	0.0 ¹⁵	69265	66780	839
	1	0.0 ⁵	00006	86437	32278	8	0.0 ¹⁰	00853	62246	9786	0.0 ¹⁵	72518	63327	132
	2	0.0 ⁵	00007	46787	29416	4	0.0 ¹⁰	00902	39595	0200	0.0 ¹⁵	76078	46952	776
	3	0.0 ⁵	00008	17602	76451	7	0.0 ¹⁰	00956	70424	6105	0.0 ¹⁵	79988	80876	503
	4	0.0 ⁵	00009	01574	61573	3	0.0 ¹⁰	01017	48366	0476	0.0 ¹⁵	84301	59767	547
	5	0.0 ⁵	00010	02307	29206	4	0.0 ¹⁰	01085	88051	6611	0.0 ¹⁵	89079	08871	148
	6	0.0 ⁵	00011	24703	33874	0	0.0 ¹⁰	01163	30975	3847	0.0 ¹⁵	94396	40680	692

$W_3^0(m, \alpha)$	α, β m	11·50, 5·25			17·75, 5·25			17·75, 11·50		
		0	1	2	0	1	2	0	1	2
$W_3^0(m, 0)$	0	0.0 ⁵ 00001 77946 05899 5	0.0 ⁵ 00001 94508 07719 8	0.0 ¹⁰ 00243 10167 7413	0.0 ¹⁵ 31260 77499 897					
	1	0.0 ⁵ 00001 89732 52681 0	0.0 ⁵ 00002 07775 99850 4	0.0 ¹⁰ 00254 45395 9872	0.0 ¹⁵ 32560 84251 989					
	2	0.0 ⁵ 00002 03092 35531 0	0.0 ⁵ 00002 22862 50374 6	0.0 ¹⁰ 00266 87044 9984	0.0 ¹⁵ 33970 62223 342					
	3	0.0 ⁵ 00002 18343 05440 6	0.0 ⁵ 00002 40143 37401 4	0.0 ¹⁰ 00280 50135 9421	0.0 ¹⁵ 35504 20349 054					
	4	0.0 ⁵ 00002 35888 24793 8	0.0 ⁵ 00002 60098 47380 5	0.0 ¹⁰ 00295 52527 7961	0.0 ¹⁵ 37178 12245 772					
	5	0.0 ⁵ 00002 56247 10312 0	0.0 ⁵ 00002 83347 98792 9	0.0 ¹⁰ 00312 15590 0967	0.0 ¹⁵ 39011 90058 737					
$W_3^0(m, 1)$	0	0.0 ⁵ 00001 94508 07719 8	0.0 ⁵ 00001 94508 07719 8	0.0 ¹⁰ 00263 36312 7451	0.0 ¹⁵ 32889 32524 83					
	1	0.0 ⁵ 00002 07775 99850 4	0.0 ⁵ 00002 07775 99850 4	0.0 ¹⁰ 00275 93432 5476	0.0 ¹⁵ 34275 95253 19					
	2	0.0 ⁵ 00002 22862 50374 6	0.0 ⁵ 00002 22862 50374 6	0.0 ¹⁰ 00289 70822 6932	0.0 ¹⁵ 35780 96037 59					
	3	0.0 ⁵ 00002 40143 37401 4	0.0 ⁵ 00002 40143 37401 4	0.0 ¹⁰ 00304 85781 9704	0.0 ¹⁵ 37419 69883 27					
	4	0.0 ⁵ 00002 60098 47380 5	0.0 ⁵ 00002 60098 47380 5	0.0 ¹⁰ 00321 58934 5743	0.0 ¹⁵ 39210 20488 76					
	5	0.0 ⁵ 00002 83347 98792 9	0.0 ⁵ 00002 83347 98792 9	0.0 ¹⁰ 00340 15031 1591	0.0 ¹⁵ 41173 79755 45					
$W_3^0(m, 2)$	0	0.0 ⁵ 00002 14375 42431 2	0.0 ⁵ 00002 14375 42431 2	0.0 ¹⁰ 00287 39541 6036	0.0 ¹⁵ 34696 05526 78					
	1	0.0 ⁵ 00002 29473 70867 1	0.0 ⁵ 00002 29473 70867 1	0.0 ¹⁰ 00301 44116 1944	0.0 ¹⁵ 36180 15891 29					
	2	0.0 ⁵ 00002 46702 35376 9	0.0 ⁵ 00002 46702 35376 9	0.0 ¹⁰ 00316 86061 1987	0.0 ¹⁵ 37792 54630 63					
	3	0.0 ⁵ 00002 66513 25187 5	0.0 ⁵ 00002 66513 25187 5	0.0 ¹⁰ 00333 85544 9556	0.0 ¹⁵ 39550 02697 14					
	4	0.0 ⁵ 00002 89486 44540 8	0.0 ⁵ 00002 89486 44540 8	0.0 ¹⁰ 00352 66687 6549	0.0 ¹⁵ 41472 37864 86					
	5	0.0 ⁵ 00003 16375 69422 8	0.0 ⁵ 00003 16375 69422 8	0.0 ¹⁰ 00373 58530 3433	0.0 ¹⁵ 43583 00941 77					
$W_3^0(m, 3)$	0	0.0 ⁵ 00002 38606 36589 1	0.0 ⁵ 00002 38606 36589 1	0.0 ¹⁰ 00316 35883 6098	0.0 ¹⁵ 36711 56754 95					
	1	0.0 ⁵ 00002 56006 46980 0	0.0 ⁵ 00002 56006 46980 0	0.0 ¹⁰ 00332 21779 5211	0.0 ¹⁵ 38306 10270 63					
	2	0.0 ⁵ 00002 75940 91548 5	0.0 ⁵ 00002 75940 91548 5	0.0 ¹⁰ 00349 66520 0559	0.0 ¹⁵ 40040 31056 71					
	3	0.0 ⁵ 00002 98963 05023 4	0.0 ⁵ 00002 98963 05023 4	0.0 ¹⁰ 00368 93953 2503	0.0 ¹⁵ 41932 70259 89					
	4	0.0 ⁵ 00003 25787 31443 9	0.0 ⁵ 00003 25787 31443 9	0.0 ¹⁰ 00390 32698 8137	0.0 ¹⁵ 44005 09065 09					
	5	0.0 ⁵ 00003 57347 89902 9	0.0 ⁵ 00003 57347 89902 9	0.0 ¹⁰ 00414 17341 2853	0.0 ¹⁵ 46283 32911 58					
$W_3^0(m, 4)$	0	0.0 ⁵ 00002 68739 56391 3	0.0 ⁵ 00002 68739 56391 3	0.0 ¹⁰ 00351 92967 7053	0.0 ¹⁵ 38973 76403 37					
	1	0.0 ⁵ 00002 89093 99433 1	0.0 ⁵ 00002 89093 99433 1	0.0 ¹⁰ 00370 06132 6840	0.0 ¹⁵ 40694 23489 85					
	2	0.0 ⁵ 00003 12517 59040 9	0.0 ⁵ 00003 12517 59040 9	0.0 ¹⁰ 00390 05642 0391	0.0 ¹⁵ 42367 57068 05					
	3	0.0 ⁵ 00003 39702 04207 3	0.0 ⁵ 00003 39702 04207 3	0.0 ¹⁰ 00412 20158 2830	0.0 ¹⁵ 44614 28325 75					
	4	0.0 ⁵ 00003 71546 32015 2	0.0 ⁵ 00003 71546 32015 2	0.0 ¹⁰ 00436 84211 0350	0.0 ¹⁵ 46858 58054 37					
	5	0.0 ⁵ 00004 09234 17054 7	0.0 ⁵ 00004 09234 17054 7	0.0 ¹⁰ 00464 39695 8399	0.0 ¹⁵ 49329 20513 25					

$W_3^0(m, 5)$	0	0.0 ⁵ 00003 07081 76795 6	0.0 ¹⁰ 00396 60621 1524	0.0 ¹⁵ 41530 10115 58
	1	0.0 ⁵ 00003 31318 55315 0	0.0 ¹⁰ 00417 65122 5564	0.0 ¹⁵ 43395 23359 63
	2	0.0 ⁵ 00003 59350 07131 8	0.0 ¹⁰ 00440 91993 2988	0.0 ¹⁵ 45428 63239 50
	3	0.0 ⁵ 00003 92061 50833 8	0.0 ¹⁰ 00466 76342 1365	0.0 ¹⁵ 47653 18082 49
	4	0.0 ⁵ 00004 30611 82484 0	0.0 ¹⁰ 00495 60643 4989	0.0 ¹⁵ 50095 93387 74
	5	0.0 ⁵ 00004 76539 11471 3	0.0 ¹⁰ 00527 96663 2858	0.0 ¹⁵ 52789 07439 30
$W_4^0(m, 0)$	0	0.0 ⁵ 00001 20781 75666 1	0.0 ¹⁰ 00166 14676 6432	0.0 ¹⁵ 22127 04181 53
	1	0.0 ⁵ 00001 28590 01527 8	0.0 ¹⁰ 00173 77834 2603	0.0 ¹⁵ 23015 07749 80
	2	0.0 ⁵ 00001 37413 91051 8	0.0 ¹⁰ 00182 11305 7865	0.0 ¹⁵ 23975 27231 67
	3	0.0 ⁵ 00001 47452 83399 0	0.0 ¹⁰ 00191 24838 0730	0.0 ¹⁵ 25016 53219 19
	4	0.0 ⁵ 00001 58958 70547 2	0.0 ¹⁰ 00201 29984 9768	0.0 ¹⁵ 26149 24724 34
$W_4^0(m, 1)$	0	0.0 ⁵ 00001 31068 15084 5	0.0 ¹⁰ 00178 47464 7849	0.0 ¹⁵ 23202 60469 23
	1	0.0 ⁵ 00001 39835 26682 2	0.0 ¹⁰ 00186 88282 7979	0.0 ¹⁵ 24148 99458 21
	2	0.0 ⁵ 00001 49778 94232 3	0.0 ¹⁰ 00196 08436 0751	0.0 ¹⁵ 25173 38501 69
	3	0.0 ⁵ 00001 61136 85252 9	0.0 ¹⁰ 00206 19170 3441	0.0 ¹⁵ 26285 52201 80
	4	0.0 ⁵ 00001 74210 93500 7	0.0 ¹⁰ 00217 33860 2896	0.0 ¹⁵ 27496 79297 42
$W_4^0(m, 2)$	0	0.0 ⁵ 00001 43212 50786 7	0.0 ¹⁰ 00192 82186 2475	0.0 ¹⁵ 24387 40309 39
	1	0.0 ⁵ 00001 53152 32371 3	0.0 ¹⁰ 00202 15615 1835	0.0 ¹⁵ 25399 24384 85
	2	0.0 ⁵ 00001 64472 16482 2	0.0 ¹⁰ 00212 39401 9419	0.0 ¹⁵ 26495 75023 67
	3	0.0 ⁵ 00001 77459 64103 2	0.0 ¹⁰ 00223 66667 3343	0.0 ¹⁵ 27687 64213 94
	4	0.0 ⁵ 00001 92482 38055 9	0.0 ¹⁰ 00236 13073 1256	0.0 ¹⁵ 28987 46563 75
$W_4^0(m, 3)$	0	0.0 ⁵ 00001 57749 65486 5	0.0 ¹⁰ 00209 73409 626	0.0 ¹⁵ 25698 80915 01
	1	0.0 ⁵ 00001 69145 90518 4	0.0 ¹⁰ 00220 18784 575	0.0 ¹⁵ 26784 45953 67
	2	0.0 ⁵ 00001 82183 81671 1	0.0 ¹⁰ 00231 68180 232	0.0 ¹⁵ 27962 42712 07
	3	0.0 ⁵ 00001 97217 33934 4	0.0 ¹⁰ 00244 37099 232	0.0 ¹⁵ 29244 56847 29
	4	0.0 ⁵ 00002 14702 02239 5	0.0 ¹⁰ 00258 44120 999	0.0 ¹⁵ 30644 78539 97
$W_4^0(m, 4)$	0	0.0 ⁵ 00001 75432 28522 5	0.0 ¹⁰ 00229 97118 102	0.0 ¹⁵ 27158 03179 44
	1	0.0 ⁵ 00001 88669 31093 4	0.0 ¹⁰ 00241 79948 078	0.0 ¹⁵ 28327 41145 87
	2	0.0 ⁵ 00002 03890 86536 5	0.0 ¹⁰ 00254 84014 840	0.0 ¹⁵ 29597 95067 41
	3	0.0 ⁵ 00002 21540 84231 4	0.0 ¹⁰ 00269 27899 067	0.0 ¹⁵ 30982 84257 91
	4	0.0 ⁵ 00002 42194 94231 6	0.0 ¹⁰ 00285 33967 789	0.0 ¹⁵ 32497 58724 74

	α, β		11.50, 5-25			17.75, 5-25			17.75, 11.50		
	m										
$W_5^0(m, 0)$	0		0.0 ⁵ 00000 86748 82924 5	0.0 ¹⁰ 00119 91174 423	0.0 ¹⁵ 16389 71681 60						
	1		0.0 ⁵ 00000 92260 33997 6	0.0 ¹⁰ 00125 35465 961	0.0 ¹⁵ 17029 39138 23						
	2		0.0 ⁵ 00000 98475 47998 2	0.0 ¹⁰ 00131 29283 828	0.0 ¹⁵ 17719 50672 55						
	3		0.0 ⁵ 00001 05529 65222 5	0.0 ¹⁰ 00137 79403 875	0.0 ¹⁵ 18466 09223 94						
$W_5^0(m, 1)$	0		0.0 ⁵ 00000 93650 31505 5	0.0 ¹⁰ 00128 02031 274	0.0 ¹⁵ 17142 84807 15						
	1		0.0 ⁵ 00000 99829 75927 6	0.0 ¹⁰ 00133 99670 168	0.0 ¹⁵ 17824 32173 12						
	2		0.0 ⁵ 00001 06826 28431 0	0.0 ¹⁰ 00140 53154 181	0.0 ¹⁵ 18560 42851 36						
	3		0.0 ⁵ 00001 14802 31973 9	0.0 ¹⁰ 00147 70318 237	0.0 ¹⁵ 19357 79597 72						
$W_5^0(m, 2)$	0		0.0 ⁵ 00001 01703 57023 4	0.0 ¹⁰ 00137 32231 345	0.0 ¹⁵ 17967 85704 29						
	1		0.0 ⁵ 00001 08693 92512 8	0.0 ¹⁰ 00143 92815 539	0.0 ¹⁵ 18696 07354 34						
	2		0.0 ⁵ 00001 16644 23877 3	0.0 ¹⁰ 00151 16906 123	0.0 ¹⁵ 19483 70302 63						
	3		0.0 ⁵ 00001 25752 16149 5	0.0 ¹⁰ 00159 13656 089	0.0 ¹⁵ 20338 06739 98						
$W_5^0(m, 3)$	0		0.0 ⁵ 00001 11212 18747	0.0 ¹⁰ 00148 10524 138	0.0 ¹⁵ 18875 43981 23						
	1		0.0 ⁵ 00001 19200 57641	0.0 ¹⁰ 00155 46235 399	0.0 ¹⁵ 19656 18783 98						
	2		0.0 ⁵ 00001 28331 64205	0.0 ¹⁰ 00163 54858 830	0.0 ¹⁵ 20501 82982 34						
	3		0.0 ⁵ 00001 38849 71614	0.0 ¹⁰ 00172 47210 113	0.0 ¹⁵ 21420 49893 05						
$W_6^0(m, 0)$	0		0.0 ⁵ 00000 65026 70871	0.0 ¹⁰ 00090 20041 290	0.0 ¹⁵ 12571 98063 9						
	1		0.0 ⁵ 00000 69106 16824	0.0 ¹⁰ 00094 25934 429	0.0 ¹⁵ 13051 97472 7						
	2		0.0 ⁵ 00000 73699 37789	0.0 ¹⁰ 00098 68424 474	0.0 ¹⁵ 13568 92671 9						
$W_6^0(m, 1)$	0		0.0 ⁵ 00000 69935 94624	0.0 ¹⁰ 00095 86520 952	0.0 ¹⁵ 13123 92160 3						
	1		0.0 ⁵ 00000 74506 09446	0.0 ¹⁰ 00100 31151 696	0.0 ¹⁵ 13635 24349 1						
	2		0.0 ⁵ 00000 79674 15368	0.0 ¹⁰ 00105 17042 507	0.0 ¹⁵ 14186 67399 5						
$W_6^0(m, 2)$	0		0.0 ⁵ 00000 75615 22806	0.0 ¹⁰ 00102 29348 304	0.0 ¹⁵ 13725 89684 7						
	1		0.0 ⁵ 00000 80777 86264	0.0 ¹⁰ 00107 19322 954	0.0 ¹⁵ 14272 17218 2						
	2		0.0 ⁵ 00000 86644 08590	0.0 ¹⁰ 00112 56178 855	0.0 ¹⁵ 14862 14658 5						

$W_1^1(m, 0)$	0	-0.05	00000	71321	42402	51	-0.010	00066	56695	49760	-0.015	05108	19973	350
	1	-0.05	00000	81364	71214	34	-0.010	00073	03774	05861	-0.015	05552	33967	744
	2	-0.05	00000	93549	43983	98	-0.010	00080	45625	40504	-0.015	06055	41450	449
	3	-0.05	00001	08490	16912	00	-0.010	00089	00840	33239	-0.015	06628	02887	271
	4	-0.05	00001	27023	99504	78	-0.010	00098	92588	66951	-0.015	07283	21162	264
	5	-0.05	00001	50308	13281	17	-0.010	00110	49978	76721	-0.015	08037	09101	130
	6	-0.05	00001	79967	88010	92	-0.010	00124	09889	97771	-0.015	08909	79251	651
$W_1^1(m, 1)$	0	-0.05	00000	87086	30543	00	-0.010	00080	05418	83215	-0.015	05683	04553	878
	1	-0.05	00000	99639	86979	67	-0.010	00087	97825	13957	-0.015	06183	64759	640
	2	-0.05	00001	14925	36741	87	-0.010	00097	08223	69962	-0.015	06751	39582	150
	3	-0.05	00001	33740	80381	54	-0.010	00107	60110	43989	-0.015	07398	47811	500
	4	-0.05	00001	57177	55089	72	-0.010	00119	82847	70208	-0.015	08139	88778	497
	5	-0.05	00001	86750	65912	76	-0.010	00134	13427	40753	-0.015	08994	20916	876
	6	-0.05	00002	24597	16713	29	-0.010	00150	98854	43359	-0.015	09984	66327	150
$W_1^1(m, 2)$	0	-0.05	00001	08534	69375	51	-0.010	00098	18439	39885	-0.015	06360	64458	393
	1	-0.05	00001	24565	40885	43	-0.010	00108	08488	85504	-0.015	06928	56592	349
	2	-0.05	00001	44160	79192	86	-0.010	00119	48502	69178	-0.015	07573	53019	506
	3	-0.05	00001	68382	02465	22	-0.010	00132	68816	59682	-0.015	08309	65228	808
	4	-0.05	00001	98686	91323	36	-0.010	00148	07450	26889	-0.015	09154	32048	375
	5	-0.05	00002	37108	60796	30	-0.010	00166	12447	42312	-0.015	10129	11858	025
	6	-0.05	00002	86528	73201	99	-0.010	00187	45048	81347	-0.015	11261	05462	206
$W_1^1(m, 3)$	0	-0.05	00001	38602	11918	65	-0.010	00123	30434	22103	-0.015	07166	76449	433
	1	-0.05	00001	59593	21576	94	-0.010	00135	97347	25418	-0.015	07815	70232	638
	2	-0.05	00001	85358	26522	34	-0.010	00150	59548	86208	-0.015	08553	72602	916
	3	-0.05	00002	17347	31262	91	-0.010	00167	57190	84405	-0.015	09397	31925	011
	4	-0.05	00002	57562	12667	74	-0.010	00187	40749	86633	-0.015	10366	81949	877
	5	-0.05	00003	08808	74858	97	-0.010	00210	74215	77752	-0.015	11487	51090	844
	6	-0.05	00003	75085	30019	58	-0.010	00238	39429	58315	-0.015	12791	08222	405
$W_1^1(m, 4)$	0	-0.05	00001	82233	20363	11	-0.010	00159	35221	12541	-0.015	08135	60703	845
	1	-0.05	00002	10543	29621	24	-0.010	00176	03479	97928	-0.015	08883	05021	920
	2	-0.05	00002	45442	82358	89	-0.010	00195	33469	56697	-0.015	09734	38783	381
	3	-0.05	00002	88975	75151	63	-0.010	00217	79901	50130	-0.015	10709	04689	538
	4	-0.05	00003	43978	61682	98	-0.010	00244	11776	42210	-0.015	11831	03637	907
	5	-0.05	00004	14449	53508	06	-0.010	00275	16860	95007	-0.015	13130	25579	425
	6	-0.05	00005	06117	85241	25	-0.010	00312	07800	95312	-0.015	14644	24365	347

	α, β m	11-50, 5-25	17-75, 5-25	17-75, 5-25
$W_1^1(m, 5)$	0	-0.05 00002 48109 32689 81	-0.010 00213 22107 38513	-0.015 09313 24123 428
	1	-0.05 00002 87642 36301 03	-0.010 00235 95572 06435	-0.015 10181 81407 660
	2	-0.05 00003 36594 94469 13	-0.010 00262 31987 75280	-0.015 11172 70030 564
	3	-0.05 00003 97952 45891 96	-0.010 00293 08490 82664	-0.015 12309 02745 616
	4	-0.05 00004 75880 93522 15	-0.010 00329 22681 64844	-0.015 13619 42943 801
	5	-0.05 00005 76286 68104 92	-0.010 00371 99131 91872	-0.015 15139 63150 904
6	-0.05 00007 07685 19850 38	-0.010 00422 98303 89786	-0.015 16914 57151 132	
$W_1^1(m, 6)$	0	-0.05 00003 52173 00683 45	-0.010 00297 53839 91340	-0.015 10762 71481 581
	1	-0.05 00004 09683 45673 19	-0.010 00329 81999 67052	-0.015 11782 10608 095
	2	-0.05 00004 81216 34884 33	-0.010 00367 34229 03909	-0.015 12947 00978 814
	3	-0.05 00005 71312 49722 08	-0.010 00411 23712 51950	-0.015 14285 26580 535
	4	-0.05 00006 86344 72579 80	-0.010 00462 94128 44078	-0.015 15831 40955 273
	5	-0.05 00008 35402 44876 57	-0.010 00524 29489 61144	-0.015 17628 61581 553
6	-0.05 00010 31673 49410 95	-0.010 00597 67682 87842	-0.015 19731 30495 041	
$W_2^1(m, 0)$	0	-0.05 00001 46260 56485 75	-0.010 00139 06240 1427	-0.015 11614 74409 778
	1	-0.05 00001 66213 32179 57	-0.010 00152 30239 4117	-0.015 12588 72826 958
	2	-0.05 00001 90279 39329 4	-0.010 00167 43985 8954	-0.015 13687 05004 845
	3	-0.05 00002 19598 05493 5	-0.010 00184 83867 1641	-0.015 14931 18987 483
	4	-0.05 00002 55706 09310 4	-0.010 00204 95025 0592	-0.015 16347 33561 040
5	-0.05 00003 00705 55508 8	-0.010 00228 33892 4002	-0.015 17967 63839 610	
$W_2^1(m, 1)$	0	-0.05 00001 75282 36311 0	-0.010 00163 76866 4392	-0.015 12834 87938 743
	1	-0.05 00001 99867 15573 4	-0.010 00179 69461 4432	-0.015 13927 28424 747
	2	-0.05 00002 29648 06767 1	-0.010 00197 94830 6499	-0.015 15160 92927 889
	3	-0.05 00002 66096 64795 6	-0.010 00218 98433 5620	-0.015 16560 47774 662
	4	-0.05 00003 11208 11252 8	-0.010 00243 36852 0964	-0.015 18156 04596 758
5	-0.05 00003 67726 19786 4	-0.010 00271 81063 8178	-0.015 19984 66861 155	
$W_2^1(m, 2)$	0	-0.05 00002 13620 45178 5	-0.010 00195 89123 3427	-0.015 14257 54665 557
	1	-0.05 00002 44468 53702 3	-0.010 00215 36371 6163	-0.015 15489 93343 615
	2	-0.05 00002 82011 09479 9	-0.010 00237 74134 0967	-0.015 16883 80410 432
	3	-0.05 00003 28189 76435 0	-0.010 00263 60244 6012	-0.015 18467 68020 392
	4	-0.05 00003 85652 09134 3	-0.010 00293 66941 8857	-0.015 20276 45003 965
5	-0.05 00004 58060 48078 5	-0.010 00328 85179 8410	-0.015 22353 09308 352	

$W_2^1(m, 3)$	0	-0.05	00002	65555	52818	2	-0.010	00238	71650	4658	-0.015	15929	82078	480
	1	-0.05	00003	05087	91095	7	-0.010	00262	98867	8709	-0.015	17329	05690	351
	2	-0.05	00003	53441	37453	9	-0.010	00290	95998	9691	-0.015	18914	23319	014
	3	-0.05	00004	13240	04355	4	-0.010	00323	38172	8086	-0.015	20718	59111	723
	4	-0.05	00004	88084	29080	4	-0.010	00361	19586	1222	-0.015	22782	86945	637
	5	-0.05	00005	82986	99529	9	-0.010	00405	59310	0474	-0.015	25157	35253	264
$W_2^1(m, 4)$	0	-0.05	00003	37986	13000	1	-0.010	00297	50536	0281	-0.015	17913	07062	92
	1	-0.05	00003	89910	15426	2	-0.010	00328	46161	6951	-0.015	19512	99676	95
	2	-0.05	00004	53761	20340	0	-0.010	00364	23998	7147	-0.015	21328	68810	02
	3	-0.05	00005	33183	23410	0	-0.010	00405	84031	2748	-0.015	23399	21727	51
	4	-0.05	00006	33209	40297	5	-0.010	00454	52120	6187	-0.015	25772	56766	06
	5	-0.05	00007	60896	88636	1	-0.010	00511	88032	2629	-0.015	28508	09082	05
$W_2^1(m, 5)$	0	-0.05	00004	42454	63174	2	-0.010	00381	00908	6226	-0.015	20288	37124	71
	1	-0.05	00005	12650	29479	4	-0.010	00421	58772	2633	-0.015	22132	11215	16
	2	-0.05	00005	99458	44914	5	-0.010	00468	62907	1638	-0.015	24228	36575	75
	3	-0.05	00007	08096	83826	4	-0.010	00523	50172	2990	-0.015	26623	48603	08
	4	-0.05	00008	45823	89855	3	-0.010	00587	93565	3425	-0.015	29374	52455	81
	5	-0.05	00010	22893	55019	4	-0.010	00664	13648	9128	-0.015	32552	21126	39
$W_3^1(m, 0)$	0	-0.05	00002	06360	33372	0	-0.010	00198	88504	3694	-0.015	17761	97909	07
	1	-0.05	00002	33851	29048	4	-0.010	00217	52761	2649	-0.015	19206	71423	18
	2	-0.05	00002	66867	19721	3	-0.010	00238	79844	8760	-0.015	20829	91298	15
	3	-0.05	00003	06897	40238	7	-0.010	00263	19297	6942	-0.015	22661	34482	06
	4	-0.05	00003	55936	22089	3	-0.010	00291	32368	9835	-0.015	24737	06716	83
$W_3^1(m, 1)$	0	-0.05	00002	43823	51127	1	-0.010	00230	43860	3018	-0.015	19518	83110	35
	1	-0.05	00002	77353	65304	7	-0.010	00252	56418	7111	-0.015	21133	16719	31
	2	-0.05	00003	17821	20334	6	-0.010	00277	88031	9294	-0.015	22949	87088	57
	3	-0.05	00003	67146	47154	9	-0.010	00307	00129	1410	-0.015	25003	13363	46
	4	-0.05	00004	27916	69440	7	-0.010	00340	68946	0000	-0.015	27334	44851	07
$W_3^1(m, 2)$	0	-0.05	00002	92171	38392	6	-0.010	00270	35778	196	-0.015	21548	59868	83
	1	-0.05	00003	33719	99771	2	-0.010	00296	97564	801	-0.015	23362	03841	20
	2	-0.05	00003	84134	25569	1	-0.010	00327	52380	546	-0.015	25406	34204	99
	3	-0.05	00004	45938	64517	2	-0.010	00362	77605	112	-0.015	27721	04853	14
	4	-0.05	00005	22557	40813	6	-0.010	00403	69665	396	-0.015	30354	24036	91

	α, β		11-50, 5-25				17-75, 5-25				17-75, 11-50				
	m														
$W_3^1(m, 3)$	0		-0.05	00003	55905	06343	0	-0.010	00321	91329	544	-0.015	23910	43463	22
	1		-0.05	00004	08333	04000	6	-0.010	00354	44535	005	-0.015	25959	36590	70
	2		-0.05	00004	72318	25664	4	-0.010	00391	90116	896	-0.015	28273	40244	36
	3		-0.05	00005	51251	94489	5	-0.010	00435	27308	701	-0.015	30898	60488	03
	4		-0.05	00006	49767	89554	7	-0.010	00485	80316	967	-0.015	33891	11298	75
$W_3^1(m, 4)$	0		-0.05	00004	42001	61165	4	-0.010	00390	11975	145	-0.015	26680	22263	77
	1		-0.05	00005	09558	10656	1	-0.010	00430	62512	071	-0.015	29009	95993	50
	2		-0.05	00005	92523	90050	3	-0.010	00477	42035	164	-0.015	31646	30154	08
	3		-0.05	00006	95565	71513	7	-0.010	00531	80435	026	-0.015	34643	33463	21
	4		-0.05	00008	25110	92462	4	-0.010	00595	41054	726	-0.015	38067	14256	58
$W_4^1(m, 0)$	0		-0.05	00002	51086	70931	8	-0.010	00244	40004	672	-0.015	22998	37147	2
	1		-0.05	00002	83952	60839	8	-0.010	00267	04468	713	-0.015	24822	52924	8
	2		-0.05	00003	23299	67024	8	-0.010	00292	84297	698	-0.015	26865	94577	9
	3		-0.05	00003	70839	85848	6	-0.010	00322	38176	587	-0.015	29164	13690	8
	4		-0.05	00002	93526	73190		-0.010	00279	66954	01	-0.015	25159	22952	3
$W_4^1(m, 1)$	1		-0.05	00003	33325	98445		-0.010	00306	27858	77	-0.015	27191	85188	2
	2		-0.05	00003	81234	07279		-0.010	00336	68765	18	-0.015	29472	87818	5
	3		-0.05	00004	39458	51173		-0.010	00371	62086	81	-0.015	32043	14560	1
	4		-0.05	00003	47319	10720		-0.010	00323	32751	20	-0.015	27636	95454	5
	5		-0.05	00003	96199	75573		-0.010	00354	95732	48	-0.015	29912	97937	2
$W_4^1(m, 2)$	1		-0.05	00004	55389	87812		-0.010	00391	22483	73	-0.015	32472	03533	2
	2		-0.05	00005	27787	52574		-0.010	00433	03619	38	-0.015	35361	38602	7
	3		-0.05	00004	16749	77223		-0.010	00378	29727	93	-0.015	30496	07526	3
	4		-0.05	00004	77753	39347		-0.010	00416	39641	07	-0.015	33058	23565	0
	5		-0.05	00005	52101	57472		-0.010	00460	23816	05	-0.015	35944	87072	5
$W_5^1(m, 3)$	0		-0.05	00006	43674	88715		-0.010	00510	97436	75	-0.015	39211	06706	3
	1		-0.05	00002	83795	4085		-0.010	00278	25656	97	-0.015	27273	94400	
	2		-0.05	00003	20460	1134		-0.010	00303	81594	86	-0.015	29393	12126	
	3		-0.05	00003	64253	7196		-0.010	00332	90249	53	-0.015	31761	36504	
	4		-0.05	00003	64253	7196		-0.010	00332	90249	53	-0.015	31761	36504	

$W_5^1(m, 1)$	0	-0.05	00003	29118	3947	-0.010	00315	39603	51	-0.015	29727	97064	
	1	-0.05	00003	73291	9790	-0.010	00345	20845	05	-0.015	32084	45299	
	2	-0.05	00004	26365	8438	-0.010	00379	24858	81	-0.015	34723	01548	
$W_5^1(m, 2)$	0	-0.05	00003	85779	3620	-0.010	00360	58822	71	-0.015	32524	55370	
	1	-0.05	00004	39688	9132	-0.010	00395	71182	24	-0.015	35156	93379	
	2	-0.05	00005	04876	9219	-0.010	00435	96077	47	-0.015	38110	52057	
$W_2^2(m, 0)$	0	0.05	00001	20866	10298	0.010	00080	38834	6944	0.015	04720	51563	609
	1	0.05	00001	45685	31086	0.010	00091	89940	3655	0.015	05301	50005	259
	2	0.05	00001	77336	86720	0.010	00105	61355	4311	0.015	05978	99616	893
	3	0.05	00002	18185	31053	0.010	00122	05919	8370	0.015	06773	30013	038
	4	0.05	00002	71583	05039	0.010	00141	91721	6638	0.015	07709	89702	859
$W_2^2(m, 1)$	0	0.05	00001	55793	93997	0.010	00100	71382	6324	0.015	05426	74098	26
	1	0.05	00001	88754	39422	0.010	00115	47060	4131	0.015	06106	41996	88
	2	0.05	00002	31039	44930	0.010	00133	11342	2240	0.015	06900	77419	23
	3	0.05	00002	85957	40066	0.010	00154	34869	0626	0.015	07834	25082	29
	4	0.05	00003	58230	20115	0.010	00180	09059	1089	0.015	08937	62147	37
$W_2^2(m, 2)$	0	0.05	00002	05164	74164	0.010	00128	74085	2547	0.015	06280	70765	91
	1	0.05	00002	49918	55623	0.010	00148	04824	2792	0.015	07081	62738	18
	2	0.05	00003	07695	06777	0.010	00171	21567	4164	0.015	08019	87342	46
	3	0.05	00003	83235	66958	0.010	00199	20780	9021	0.015	09125	14252	62
	4	0.05	00004	83356	27940	0.010	00233	27865	9367	0.015	10434	91035	23
$W_2^2(m, 3)$	0	0.05	00002	76981	30816	0.010	00168	52456	7538	0.015	07322	93501	32
	1	0.05	00003	39307	22805	0.010	00194	39466	6244	0.015	08274	20292	52
	2	0.05	00004	20298	82147	0.010	00225	55279	7752	0.015	09391	31973	55
	3	0.05	00005	26935	40505	0.010	00263	34861	4368	0.015	10710	68813	74
	4	0.05	00006	69325	91692	0.010	00309	54476	4405	0.015	12278	37250	09
$W_2^2(m, 4)$	0	0.05	00003	84920	82371	0.010	00226	91916	8343	0.015	08607	89981	92
	1	0.05	00004	74275	57860	0.010	00262	56563	1478	0.015	09747	53350	37
	2	0.05	00005	91179	90281	0.010	00305	66080	1824	0.015	11089	31048	70
	3	0.05	00007	46217	61118	0.010	00358	14622	5400	0.015	12678	29287	99
	4	0.05	00009	54839	41990	0.010	00422	56961	6314	0.015	14571	66907	37

	α, β				
	m		11.50, 5.25	17.75, 5.25	17.75, 11.50
$W_3^2(m, 0)$	0		0.0 ⁵ 00004 56335 67957	0.0 ¹⁰ 00307 90002 039	0.0 ¹⁵ 19453 06988 4
	1		0.0 ⁵ 00005 48467 36278	0.0 ¹⁰ 00351 51806 470	0.0 ¹⁵ 21798 16771 1
	2		0.0 ⁵ 00006 65501 06863	0.0 ¹⁰ 00403 38972 811	0.0 ¹⁵ 24524 04664 7
	3		0.0 ⁵ 00008 15886 68014	0.0 ¹⁰ 00465 47095 472	0.0 ¹⁵ 27708 82020 2
$W_3^2(m, 1)$	0		0.0 ⁵ 00005 79189 94528	0.0 ¹⁰ 00378 96435 545	0.0 ¹⁵ 22240 88663 2
	1		0.0 ⁵ 00007 00222 53136	0.0 ¹⁰ 00434 01180 705	0.0 ¹⁵ 24972 55283 1
	2		0.0 ⁵ 00008 54520 91974	0.0 ¹⁰ 00499 72590 377	0.0 ¹⁵ 28155 32108 0
	3		0.0 ⁵ 00010 54433 36029	0.0 ¹⁰ 00578 69190 022	0.0 ¹⁵ 31883 14075 5
$W_3^2(m, 2)$	0		0.0 ⁵ 00007 48847 53258	0.0 ¹⁰ 00474 28294 471	0.0 ¹⁵ 25583 81417 7
	1		0.0 ⁵ 00009 10457 05717	0.0 ¹⁰ 00544 96466 981	0.0 ¹⁵ 28787 12392 2
	2		0.0 ⁵ 00011 18532 96464	0.0 ¹⁰ 00629 68024 882	0.0 ¹⁵ 32528 76818 5
	3		0.0 ⁵ 00013 89770 86813	0.0 ¹⁰ 00731 91067 236	0.0 ¹⁵ 36922 64918 8
$W_3^2(m, 3)$	0		0.0 ⁵ 00009 89018 47208	0.0 ¹⁰ 00605 29814 981	0.0 ¹⁵ 29626 02541 7
	1		0.0 ⁵ 00012 10011 29661	0.0 ¹⁰ 00697 88498 952	0.0 ¹⁵ 33409 75912 6
	2		0.0 ⁵ 00014 96637 39307	0.0 ¹⁰ 00809 31692 189	0.0 ¹⁵ 37841 01371 2
	3		0.0 ⁵ 00018 73201 89582	0.0 ¹⁰ 00944 38020 658	0.0 ¹⁵ 43059 06901 4
$W_4^2(m, 0)$	0		0.0 ⁵ 00010 46953 3128	0.0 ¹⁰ 00714 22881 3	0.0 ¹⁵ 47959 31434
	1		0.0 ⁵ 00012 55571 1974	0.0 ¹⁰ 00814 56579 5	0.0 ¹⁵ 53636 59008
	2		0.0 ⁵ 00015 19780 0862	0.0 ¹⁰ 00933 72150 5	0.0 ¹⁵ 60217 45757
$W_4^2(m, 1)$	0		0.0 ⁵ 00013 12572 3103	0.0 ¹⁰ 00866 47627 5	0.0 ¹⁵ 54570 60025
	1		0.0 ⁵ 00015 83566 3672	0.0 ¹⁰ 00991 53221 7	0.0 ¹⁵ 61160 10013
	2		0.0 ⁵ 00019 29204 2407	0.0 ¹⁰ 01140 65369 8	0.0 ¹⁵ 68817 68452
$W_4^2(m, 2)$	0		0.0 ⁵ 00016 72548 0861	0.0 ¹⁰ 01066 03514 8	0.0 ¹⁵ 62440 64384
	1		0.0 ⁵ 00020 30820 8461	0.0 ¹⁰ 01224 22970 2	0.0 ¹⁵ 70136 71932
	2		0.0 ⁵ 00024 91233 4573	0.0 ¹⁰ 01413 68439 3	0.0 ¹⁵ 79104 06329