





xact (without separability)

23	-0.315192267574502422819198088663D-19	2.4857265694	0.000000D+00	2.4353477534	0.810767D-05	2.3064983647	0.418693D-01	2.2098406839	0.370908D+00
24	-0.978191848966234312142228516985D-20	2.4856745881	0.000000D+00	2.4353475954	-0.807978D-05	2.3064929023	-0.418667D-01	2.2098984452	-0.370929D+00
25	-0.315324259385341453680115901216D-20	2.4856745881	0.000000D+00	2.4353475829	0.809446D-05	2.3064923975	0.418673D-01	2.2099019937	0.370921D+00
26	-0.105447629521663323921771130652D-20	2.4856745881	0.000000D+00	2.4353475800	-0.807740D-05	2.3064920033	-0.418663D-01	2.2099180151	-0.370935D+00
27	-0.365383027655635302014693680186D-21	2.4856745881	0.000000D+00	2.4353475654	0.805787D-05	2.3065031543	0.418763D-01	2.2098870998	0.370922D+00
28	-0.131039745686288421028478176624D-21	2.4856849384	0.000000D+00	2.4353475656	0.808823D-05	2.3064917628	0.418674D-01	2.2099067242	0.370917D+00
29	-0.485888345963196858027972984650D-22	2.4856781716	0.000000D+00	2.4353475631	0.808618D-05	2.3064916210	0.418675D-01	2.2099066217	0.370915D+00
30	-0.186083654851142989315994648579D-22	2.4856760436	0.000000D+00	2.4353475601	-0.808668D-05	2.3064916314	-0.418677D-01	2.2099019485	-0.370914D+00

## Oscillator quantum numbers nx ny nz = 0 1 0

k	coefficients	Quadratic (delta=1)	(delta=2^2)	(delta=3^2)	(delta=5^2)				
0	0.280000000000000000000000000000D+01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
1	-0.271123851428494255779276036160D-01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
2	-0.944912076978463203807333627246D-03	2.7718704748	0.000000D+00	2.6697389970	0.000000D+00	2.4110318378	0.196288D+00	2.4110318378	0.613186D+00
3	-0.706294838754912037422784732544D-04	2.7718647034	0.000000D+00	2.6689074114	0.000000D+00	2.4447826357	0.199116D+00	2.4173611102	0.560551D+00
4	-0.740703204987170260376629609256D-05	2.7718636499	0.000000D+00	2.6680618828	0.000000D+00	2.4928402250	-0.163005D+00	2.2708239340	-0.388084D+00
5	-0.952295839157650000689030226027D-06	2.7718635513	0.000000D+00	2.6674834442	0.000000D+00	2.4570020054	0.000000D+00	2.4333360549	0.662492D+00
6	-0.138850307283327601875342319200D-06	2.7718635490	0.000000D+00	2.6673820010	0.000000D+00	2.4010066667	-0.134703D+00	2.3527209420	-0.647197D+00
7	-0.220455544056928637829759939205D-07	2.7718635485	0.000000D+00	2.6672564360	0.000000D+00	2.4586952754	0.116640D+00	2.2412476974	0.725759D+00
8	-0.372737695020184765456715552067D-08	2.7718635485	0.000000D+00	2.6672145773	0.000000D+00	2.4570348495	0.116268D+00	2.2695954425	0.723345D+00
9	-0.663009548465503754093170237517D-09	2.7718635485	0.000000D+00	2.6672647741	0.000000D+00	2.4584726353	-0.117710D+00	2.2411306872	-0.714078D+00
10	-0.123239141835245872962196818085D-09	2.7718635485	0.000000D+00	2.6673346426	0.000000D+00	2.4593428204	0.117441D+00	2.2350078492	0.723231D+00
11	-0.238488709299486072748436770617D-10	2.7718635485	0.000000D+00	2.6674688520	0.000000D+00	2.4708437745	-0.125542D+00	2.3142977533	0.725965D+00
12	-0.479507178153415180240073084610D-11	2.7718635485	0.000000D+00	2.6666582752	-0.180007D-02	2.4592314768	0.112586D+00	2.2741954474	0.753998D+00
13	-0.100066052110790136857791510568D-11	2.7718635485	0.000000D+00	2.6668596029	0.000000D+00	2.4583548850	-0.110220D+00	2.2928078182	-0.760435D+00
14	-0.216654182947257776385693881728D-12	2.7718635485	0.000000D+00	2.6682197009	0.000000D+00	2.4364099144	0.954579D-01	2.2948007182	0.726046D+00
15	-0.486660060827096277021925134865D-13	2.7718635485	0.000000D+00	2.6672725019	0.000000D+00	2.4500965724	0.105820D+00	2.2933216577	0.730061D+00
16	-0.113435684043379838189301111639D-13	2.7718635485	0.000000D+00	2.6672548333	0.000000D+00	2.4508333711	-0.106220D+00	2.2933844245	-0.731485D+00
17	-0.274456559258479083630071351328D-14	2.7718635485	0.000000D+00	2.6672675738	0.000000D+00	2.4518266305	0.106225D+00	2.2948964969	0.731322D+00
18	-0.689509055033316148290939155549D-15	2.7718635485	0.000000D+00	2.6675863591	0.000000D+00	2.4723241971	-0.108976D+00	2.2672857430	0.707941D+00
19	-0.179914828060224609103778189679D-15	2.7718635485	0.000000D+00	2.6671057378	0.355298D-03	2.4630564423	0.104337D+00	2.3409676782	0.713434D+00
20	-0.487666750675121074443305918139D-16	2.7718635485	0.000000D+00	2.6671069705	-0.342173D-03	2.4643138036	-0.104423D+00	2.3906049947	-0.696100D+00
21	-0.13731243363822885508743293571D-16	2.7724413005	0.000000D+00	2.6670912512	0.326546D-03	2.4660597598	0.102812D+00	2.3472341613	0.636738D+00
22	-0.401561222812153112878398453137D-17	2.7726047395	0.000000D+00	2.6670913665	0.331886D-03	2.4643912714	0.103482D+00	2.3388342304	0.703002D+00
23	-0.121925771010824893211103887149D-17	2.7718635485	0.000000D+00	2.6671096754	-0.313077D-03	2.4486369355	0.102216D+00	2.3142955150	-0.721252D+00
24	-0.38416288074535410984068183146D-18	2.7718795527	0.000000D+00	2.6671255096	-0.303936D-03	2.4608717243	0.102743D+00	2.3188625998	0.706606D+00
25	-0.125523246182307694245315458950D-18	2.7718635485	0.000000D+00	2.6671045990	-0.310967D-03	2.4297263246	0.103294D+00	2.3233849057	-0.729801D+00
26	-0.424997704051682802462193489778D-19	2.7718635485	0.000000D+00	2.6671163224	0.304942D-03	2.4611114533	0.103519D+00	2.2978630764	0.730963D+00
27	-0.148982028858520040304930376198D-19	2.7718635485	0.000000D+00	2.6670847318	-0.345968D-03	2.4576706697	0.102490D+00	2.3165395148	0.712091D+00
28	-0.540228086220263441988545161295D-20	2.7718635485	0.000000D+00	2.6670819978	-0.348302D-03	2.4575744552	0.102492D+00	2.3165591417	0.712229D+00
29	-0.202450489911989534637259540063D-20	2.7718635485	0.000000D+00	2.6671091949	0.289836D-03	2.4604016432	0.101179D+00	2.3104697509	0.711440D+00
30	-0.783360471848698167952905708706D-21	2.7718646060	0.000000D+00	2.6671072944	-0.294645D-03	2.4628454273	-0.999286D-01	2.2808641582	-0.707508D+00

## Oscillator quantum numbers nx ny nz = 2 0 0

k	coefficients	Quadratic (delta=1)	(delta=2^2)	(delta=3^2)	(delta=5^2)				
0	0.290000000000000000000000000000D+01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
1	-0.257207749946097026025023589462D-01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
2	-0.107340079173187832289616487652D-02	2.8731056350	0.000000D+00	2.7694735289	0.000000D+00	2.5918400511	0.218420D+00	2.5918400511	0.548947D+00
3	-0.862179106151273503355839281046D-04	2.8731098455	0.000000D+00	2.7702123399	0.000000D+00	2.5761659190	-0.222314D+00	2.5929275129	-0.578182D+00
4	-0.939403207398046986263579291348D-05	2.8731088643	0.000000D+00	2.7692992181	0.000000D+00	2.6072222724	-0.184303D+00	2.4347169644	-0.469972D+00
5	-0.122567469611584493063900832774D-05	2.8731087781	0.000000D+00	2.7687788579	0.000000D+00	2.6311736199	-0.126703D+00	2.8673447190	0.579806D+00
6	-0.182123720694447594142345401179D-06	2.8731087676	0.000000D+00	2.7640473878	0.000000D+00	2.5698946646	-0.168806D+00	2.5061428444	-0.655009D+00
7	-0.299272569014314995217721117626D-07	2.8731087680	0.000000D+00	2.7676308592	0.000000D+00	2.5678498153	-0.182082D+00	2.5162114504	-0.618917D+00
8	-0.533489060045847793377838131446D-08	2.8731087679	0.000000D+00	2.7666347195	0.000000D+00	2.5615221191	0.165356D+00	2.5519486130	0.677510D+00
9	-0.101736494354960885813994585049D-08	2.8731087679	0.000000D+00	2.7726577467	0.000000D+00	2.5571599195	0.160193D+00	2.6545394396	0.732974D+00
10	-0.205417050282841846975443102223D-09	2.8731087679	0.000000D+00	2.7690366068	0.000000D+00	2.5482339474	-0.165858D+00	2.6064114067	-0.600066D+00
11	-0.435836806301398509458232513172D-10	2.8731087679	0.000000D+00	2.7681954380	0.000000D+00	2.5740547514	0.170538D+00	2.5356211001	0.680138D+00

xact (without separability)

12	-0.966486591083606820411417686087D-11	2.8731087679	0.000000D+00	2.7685930453	-0.107329D-02	2.5545439060	-0.173187D+00	2.5388629577	-0.629448D+00
13	-0.223164084993709234338619117012D-11	2.8731087679	0.000000D+00	2.7678947854	0.124440D-02	2.5516516059	0.176654D+00	2.5054056207	0.613623D+00
14	-0.535193787471148052870395839935D-12	2.8731087679	0.000000D+00	2.7678777473	0.126106D-02	2.5520611354	0.177028D+00	2.5049978072	0.623126D+00
15	-0.133087915265053517493627735319D-12	2.8731087679	0.000000D+00	2.7678419251	0.115040D-02	2.5430875052	0.178256D+00	2.5492773058	-0.659819D+00
16	-0.342810883015460262524252092784D-13	2.8731087679	0.000000D+00	2.7678506165	0.116974D-02	2.5470039835	0.177616D+00	2.5971841243	-0.702859D+00
17	-0.914079252899550224989169631997D-14	2.8731087679	0.000000D+00	2.7677053000	0.119227D-02	2.5518551754	0.178831D+00	2.4970126083	0.637517D+00
18	-0.252210070891670287511555612622D-14	2.8731087679	0.000000D+00	2.7678424794	0.111308D-02	2.5374125617	0.178435D+00	2.5443922875	-0.656932D+00
19	-0.719926870045338848680667519962D-15	2.8731087679	0.000000D+00	2.7680181160	0.000000D+00	2.5503746819	-0.180797D+00	2.9703760914	0.343143D+00
20	-0.212562047950174676914568589162D-15	2.8731087679	0.000000D+00	2.7680269397	-0.108518D-02	2.5612703430	0.179776D+00	2.5170466505	-0.649262D+00
21	-0.649050840466519017169555927624D-16	2.8731087679	0.000000D+00	2.7680829919	-0.107682D-02	2.5575082651	0.179915D+00	2.5046239473	0.646112D+00
22	-0.204915450740837103364477222365D-16	2.8731087679	0.000000D+00	2.7683163423	0.118179D-02	2.5535413497	-0.181975D+00	2.4885008599	0.674422D+00
23	-0.668734750497042803236467866938D-17	2.8731087679	0.000000D+00	2.7678281730	-0.112770D-02	2.5623945490	0.180276D+00	2.5172643387	0.650762D+00
24	-0.225509412645685368412889627706D-17	2.8732430248	0.000000D+00	2.7680455593	-0.912200D-03	2.5553754521	-0.183883D+00	2.5175486748	-0.666514D+00
25	-0.785458582813625467059838536469D-18	2.8731087679	0.000000D+00	2.7680385362	0.961162D-03	2.5532583212	0.187327D+00	2.5394384397	0.675690D+00
26	-0.282433685400593150817710890757D-18	2.8731087679	0.000000D+00	2.7680428902	0.965615D-03	2.5548651241	0.187371D+00	2.5298115555	0.660073D+00
27	-0.104786690959700980404635863238D-18	2.8731087679	0.000000D+00	2.7680362284	0.969137D-03	2.4892172582	0.000000D+00	2.5092822537	0.660920D+00
28	-0.400898663282056121285895316590D-19	2.8731087679	0.000000D+00	2.7680327196	-0.972871D-03	2.5584907681	-0.180557D+00	2.5185008118	0.664300D+00
29	-0.158063131882351515489301179359D-19	2.8731087679	0.000000D+00	2.7680515360	0.967477D-03	2.5559393147	0.186826D+00	2.5277600540	0.658141D+00
30	-0.641821400442761625941910048206D-20	2.8731101616	0.000000D+00	2.7680298073	-0.980757D-03	2.5514714768	0.188409D+00	2.5107392018	-0.657618D+00

## Oscillator quantum numbers nx ny nz = 1 0 1

k	coefficients	Quadratic (delta=1)	(delta=2^2)	(delta=3^2)	(delta=5^2)
0	0.320000000000000000000000000000D+01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
1	-0.221221719215324958757509275398D-01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
2	-0.105046823534508470693088406722D-02	3.17671603156	0.000000D+00	3.0812348054	0.000000D+00
3	-0.977837306607542045422019237370D-04	3.1767164740	0.000000D+00	3.0818422549	0.000000D+00
4	-0.116598905168520389948828531620D-04	3.1767160873	0.000000D+00	3.0813640360	0.000000D+00
5	-0.159235372109390695857178925601D-05	3.1767160441	0.000000D+00	3.0810302423	0.000000D+00
6	-0.23899326852735826925602936902D-06	3.1767160376	0.000000D+00	3.0821623317	0.000000D+00
7	-0.386539889925387368536813126085D-07	3.1767160381	0.000000D+00	3.0797376758	0.000000D+00
8	-0.666064893348893614400392182375D-08	3.1767160381	0.000000D+00	3.0795766487	0.000000D+00
9	-0.121366058382612825465781468969D-08	3.1767160381	0.000000D+00	3.0819457340	0.000000D+00
10	-0.232618459559728402444543672980D-09	3.1767160381	0.000000D+00	3.0814655890	0.000000D+00
11	-0.467191309306296494744616249176D-10	3.1767160381	0.000000D+00	3.0996971789	0.000000D+00
12	-0.980468491633106287938796347000D-11	3.1767160381	0.000000D+00	3.0898882567	0.000000D+00
13	-0.214573040153329153993552748521D-11	3.1769840203	0.000000D+00	3.0798644795	0.768844D-03
14	-0.488965667254998730796634818824D-12	3.1767160381	0.000000D+00	3.0800534763	0.526347D-03
15	-0.115899487909654138700563883737D-12	3.1767160381	0.000000D+00	3.0800651120	0.613844D-03
16	-0.285528558210948816450570259099D-13	3.1767160381	0.000000D+00	3.0802347005	-0.813301D-03
17	-0.730687299882627528250847715826D-14	3.1767160381	0.000000D+00	3.0803321791	-0.943327D-03
18	-0.194145060110878978038573046645D-14	3.1767160381	0.000000D+00	3.0802854880	-0.723070D-03
19	-0.535371433044556681346396321808D-15	3.1767160381	0.000000D+00	3.0803433886	0.836508D-03
20	-0.153158541834774466258295681481D-15	3.1767160381	0.000000D+00	3.0804092318	0.875546D-03
21	-0.454354533376680028082671042878D-16	3.1775642519	0.000000D+00	3.0804506061	-0.838032D-03
22	-0.139702739999873571477856194363D-16	3.1767160381	0.000000D+00	3.0804160668	0.805735D-03
23	-0.444973793060080726478610345749D-17	3.1767160381	0.000000D+00	3.0804157154	0.805757D-03
24	-0.146730502877035308890107136104D-17	3.1767160381	0.000000D+00	3.0804212364	0.798357D-03
25	-0.500583349351740541973588083296D-18	3.1767160381	0.000000D+00	3.0804283026	-0.788136D-03
26	-0.176561854749946242980883008981D-18	3.1768228375	0.000000D+00	3.0804152936	0.795124D-03
27	-0.643372431819078126289025009228D-19	3.1767148495	0.000000D+00	3.0804175054	-0.791563D-03
28	-0.242016600259554045429564750795D-19	3.1767245855	0.000000D+00	3.0804166880	0.789370D-03
29	-0.939103537356764523287220873902D-20	3.1767160520	0.000000D+00	3.0804150988	0.789851D-03
30	-0.375609468600599429885947416844D-20	3.1767160381	0.000000D+00	3.0804151031	-0.790346D-03

## Oscillator quantum numbers nx ny nz = 0 1 1

k	coefficients	Quadratic (delta=1)	(delta=2^2)	(delta=3^2)	(delta=5^2)
0	0.380000000000000000000000000000D+01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00

xact (without separability)

1	-0.429033003420486484457895247323D-01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
2	-0.182467388272173485344568222925D-02	3.7550980622	0.000000D+00	3.5807227353	0.000000D+00	3.2956103670	0.367574D+00	3.2956103670	0.909720D+00
3	-0.181619346568416150438461489683D-03	3.7550642352	0.000000D+00	3.5731412201	0.000000D+00	3.3746652790	0.331208D+00	3.2875095667	0.737970D+00
4	-0.227296245100885523409308137190D-04	3.7550639228	0.000000D+00	3.5727059087	0.000000D+00	3.3772778014	-0.324297D+00	3.2655592035	-0.723595D+00
5	-0.376165424519884644565019447005D-05	3.7550633344	0.000000D+00	3.5697210979	0.000000D+00	3.3552203805	0.282256D+00	3.1667119857	0.820781D+00
6	-0.664999624831245000798632625422D-06	3.7550630943	0.000000D+00	3.5607811712	0.000000D+00	3.3323645173	-0.207192D+00	2.3927858642	-0.896353D+00
7	-0.131168543283738398682030971030D-06	3.7550630855	0.000000D+00	3.5570543873	0.159245D-01	3.2841542023	0.219707D+00	3.1177626643	0.148754D+01
8	-0.268813242876630843429435952328D-07	3.7550630857	0.000000D+00	3.5644219908	0.163637D-01	3.2792385499	0.250501D+00	3.2487607456	0.110751D+01
9	-0.581121222782646410373790410114D-08	3.7550630850	0.000000D+00	3.5643189049	0.164108D-01	3.2789130240	0.250087D+00	3.2520465087	0.111051D+01
10	-0.129664825674590429673642888967D-08	3.7550630846	0.000000D+00	3.5630580723	0.000000D+00	3.2965013650	0.229848D+00	3.0606494220	0.134979D+01
11	-0.299742993090022127960124292474D-09	3.7550630846	0.000000D+00	3.5623326116	0.145480D-01	3.2880604598	0.240311D+00	3.1838282575	0.120009D+01
12	-0.713185355219461915500235831257D-10	3.7550630846	0.000000D+00	3.5525409144	0.103264D-01	3.2815495384	0.235385D+00	3.2619656438	0.122127D+01
13	-0.174762996917586054342675198563D-10	3.7550630846	0.000000D+00	3.5595141086	0.136963D-01	3.2871236740	0.236399D+00	3.1782140183	0.125613D+01
14	-0.440219800091847423703188356578D-11	3.7550630846	0.000000D+00	3.5663020871	-0.122414D-01	3.2527612777	0.245093D+00	3.2773015853	0.112390D+01
15	-0.114000895032203800377083922977D-11	3.7550630846	0.000000D+00	3.5594569000	0.114652D-01	3.2823735221	0.232028D+00	3.2778368564	0.124488D+01
16	-0.303395477403448047593737371353D-12	3.7550630846	0.000000D+00	3.5706281853	-0.852925D-02	3.2773007455	0.240591D+00	3.2114645956	0.119132D+01
17	-0.829985600837312921130376637684D-13	3.7550630846	0.000000D+00	3.5676874611	0.000000D+00	3.2731521675	0.233336D+00	3.2920694614	0.116361D+01
18	-0.233444223179742206623916669420D-13	3.7550630846	0.000000D+00	3.5677656788	0.000000D+00	3.2707326230	-0.232816D+00	3.2985333437	-0.114314D+01
19	-0.675332161716860613124809851885D-14	3.7550630846	0.000000D+00	3.5631256771	-0.530351D-02	3.2721707052	-0.230750D+00	3.3263509237	-0.115419D+01
20	-0.201026631356729780902084790162D-14	3.7550630846	0.000000D+00	3.5652327605	-0.995917D-02	3.2701241216	0.243984D+00	3.2701255483	0.115890D+01
21	-0.616006715271976439405797820333D-15	3.7550630846	0.000000D+00	3.5649386075	-0.897866D-02	3.2704868151	-0.217812D+00	2.1776477283	0.131777D+01
22	-0.194398698164994357174452095342D-15	3.7550630846	0.000000D+00	3.5651492571	0.874876D-02	3.2679004107	0.224782D+00	3.3390580644	0.104472D+01
23	-0.632023440244509878205806461503D-16	3.7550630846	0.000000D+00	3.5651021544	-0.889815D-02	3.2680197293	-0.218463D+00	3.1920495131	0.125111D+01
24	-0.211749261376331578280688828962D-16	3.755058933	0.000000D+00	3.5651177700	0.897549D-02	3.2638044103	0.200177D+00	3.2991391066	-0.115866D+01
25	-0.731188028907991363178679209581D-17	3.7555384955	0.000000D+00	3.5651212528	0.897304D-02	3.2642681253	0.205275D+00	3.2981759224	-0.117088D+01
26	-0.260238345888754383724027125386D-17	3.7550630846	0.000000D+00	3.5648804726	0.920370D-02	3.2671086128	0.227579D+00	3.3289276576	0.104118D+01
27	-0.9545771747388822857660062911885D-18	3.7550630846	0.000000D+00	3.5649438762	0.914389D-02	3.2672599955	0.228755D+00	3.3227532179	0.106667D+01
28	-0.360793738085485200399732420580D-18	3.7550630846	0.000000D+00	3.5653334183	0.901145D-02	3.2659776496	0.227468D+00	3.3030043232	0.106587D+01
29	-0.140468635049168490318310670213D-18	3.7550630846	0.000000D+00	3.5649151615	0.916965D-02	3.2671348966	0.227932D+00	3.3270132847	-0.104634D+01
30	-0.563114962539262044995555216206D-19	3.7550630846	0.000000D+00	3.5612993661	-0.104709D-01	3.2650811955	0.223067D+00	3.3736147764	-0.124398D+01

## Oscillator quantum numbers nx ny nz = 0 2 0

k	coefficients	Quadratic (delta=1)	(delta=2^2)	(delta=3^2)	(delta=5^2)
0	0.410000000000000000000000000000D+01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
1	-0.59974892519200118732862792393D-01	0.0000000000	0.000000D+00	0.0000000000	0.000000D+00
2	-0.284731939144352801084036647896D-02	4.0368703660	0.000000D+00	3.4683554181	0.531898D+00
3	-0.324803439927509914558473417049D-03	4.0367981099	0.000000D+00	3.5722305928	0.455579D+00
4	-0.3551772841220415975316423321999D-04	4.0368122965	0.000000D+00	3.5204972336	0.771413D+00
5	-0.994029707772828063279270934677D-05	4.0368071027	0.000000D+00	3.5136783538	0.437779D+00
6	-0.131418325268025075828720041499D-05	4.0368056551	0.000000D+00	3.4181848637	-0.280315D+00
7	-0.576820114618657447534284483208D-06	4.0368055061	0.000000D+00	3.7840207922	0.363681D-01
8	-0.84744258889502804894500740541D-07	4.0368054961	0.000000D+00	3.7806138736	0.287739D-01
9	-0.423479306871661058646487442774D-07	4.0368054983	0.000000D+00	3.7799705277	-0.275795D-01
10	-0.680002026958000252124950171909D-08	4.0368054977	0.000000D+00	3.7804121008	0.288526D-01
11	-0.342628524454573154116843911395D-08	4.0368054973	0.000000D+00	3.7802141624	0.262789D-01
12	-0.594283989218945890416706139607D-09	4.0368054973	0.000000D+00	3.8255363660	0.412000D-01
13	-0.292422897963622175935396097665D-09	4.0368054973	0.000000D+00	3.7906334198	-0.323508D-01
14	-0.543967633576210142852052172334D-10	4.0368054973	0.000000D+00	3.7904195361	0.325993D-01
15	-0.259725155886392549287897657967D-10	4.0368054973	0.000000D+00	3.8159929087	0.000000D+00
16	-0.517331375333451329059672741894D-11	4.0368054973	0.000000D+00	3.7255835464	0.000000D+00
17	-0.239567151663530123817126337163D-11	4.0368054973	0.000000D+00	3.7771748092	0.000000D+00
18	-0.512549796821484791203156719093D-12	4.0368054973	0.000000D+00	3.7640558391	0.000000D+00
19	-0.230341512109814178999548753222D-12	4.0368054973	0.000000D+00	3.7437014281	0.000000D+00
20	-0.532755930676751574950367438684D-13	4.0484832947	0.000000D+00	3.7740141073	0.000000D+00
21	-0.232651452458982771361578463857D-13	4.0427141094	0.000000D+00	3.7840844983	0.782773D-02
22	-0.58632455145227887592355462857D-14	4.0368054973	0.000000D+00	3.7867792650	0.741216D-02
23	-0.249579817247036164233861228884D-14	4.0368054973	0.000000D+00	3.8357236924	0.000000D+00
24	-0.690323516690005260247897312504D-15	4.0368054973	0.000000D+00	3.6475898305	0.000000D+00

xact (without separability)

25	-0.288259905428432029105757853744D-15	4.0368054973	0.000000D+00	3.7768717775	0.000000D+00	3.3180210425	0.472198D+00	3.3893679902	0.142486D+01
26	-0.878911817614878596287840734566D-16	4.0368054973	0.000000D+00	3.7814000530	0.000000D+00	3.3186551943	0.473821D+00	3.3776111965	0.145351D+01
27	-0.363813366122033047005925657244D-16	4.0368054973	0.000000D+00	3.7876119750	-0.791179D-02	3.3210357262	-0.475796D+00	3.3779153588	-0.149550D+01
28	-0.122281087304933474628253424699D-16	4.0368054973	0.000000D+00	3.7875058950	-0.105390D-01	3.3440842284	-0.502960D+00	3.4038798097	-0.133659D+01
29	-0.508804568100625333113160467466D-17	4.0368054973	0.000000D+00	3.7902002208	-0.129502D-01	3.3106769903	0.477138D+00	3.3529388578	0.148304D+01
30	-0.187636289106785675623348682377D-17	4.0368054973	0.000000D+00	3.7898769386	-0.614181D-02	3.3205931205	-0.473698D+00	3.3906563916	-0.147257D+01