

First 150 Dirichlet Eigenfunctions of the Graph Laplacian for $M = 4$ with Torus Identifications

SPUR 2016

August 1, 2016

Eigenvalues:

0. 0.0114511296956	31. 0.165280885153	62. 0.303336885856
1. 0.0252172008798	32. 0.176753646273	63. 0.310168173589
2. 0.0280908797825	33. 0.177888592605	64. 0.310468355648
3. 0.0280908797825	34. 0.180389852685	65. 0.314945811497
4. 0.0380052200983	35. 0.180389852685	66. 0.319750508289
5. 0.0508951820104	36. 0.186571397756	67. 0.319750508289
6. 0.0508951820104	37. 0.196791442944	68. 0.324060464119
7. 0.0527310298978	38. 0.202230581086	69. 0.331245476086
8. 0.0693309612134	39. 0.202230581086	70. 0.331245476086
9. 0.0723784748128	40. 0.208417597852	71. 0.339365568863
10. 0.0788085857665	41. 0.217501132366	72. 0.341296840174
11. 0.0788085857665	42. 0.217501132366	73. 0.346572414988
12. 0.0816960009748	43. 0.219236957173	74. 0.360678510889
13. 0.0985531738989	44. 0.225739903775	75. 0.360678510889
14. 0.098553173899	45. 0.232663696599	76. 0.361378368046
15. 0.101275850194	46. 0.232663696599	77. 0.363551703399
16. 0.10268560271	47. 0.24544699064	78. 0.363551703399
17. 0.119751158231	48. 0.245762452276	79. 0.363902209243
18. 0.119751158231	49. 0.251494525748	80. 0.368809356452
19. 0.123046739499	50. 0.25743097301	81. 0.37019122592
20. 0.125710668205	51. 0.25743097301	82. 0.37019122592
21. 0.132786046285	52. 0.260321138271	83. 0.376718072753
22. 0.132786046285	53. 0.270757665522	84. 0.379167854833
23. 0.138408870089	54. 0.271275241046	85. 0.392655786885
24. 0.143626354995	55. 0.280036269627	86. 0.392655786885
25. 0.151428902366	56. 0.280036269627	87. 0.399901205527
26. 0.151428902366	57. 0.283130347943	88. 0.399901205527
27. 0.16018191356	58. 0.283130347943	89. 0.399951168937
28. 0.164864827757	59. 0.283969553757	90. 0.403472951124
29. 0.165121309728	60. 0.299573021238	91. 0.406287717595
30. 0.165121309728	61. 0.299573021238	92. 0.407668364622

93. 0.411403200515	139. 0.586285135662	185. 0.738587405716
94. 0.411403200515	140. 0.588185088928	186. 0.741230197372
95. 0.414958628564	141. 0.593525833636	187. 0.741230197372
96. 0.41680973614	142. 0.596462268267	188. 0.751041695182
97. 0.420598101657	143. 0.596462268267	189. 0.75222710804
98. 0.428839098942	144. 0.604095527505	190. 0.75339246698
99. 0.428839098942	145. 0.604107345043	191. 0.75339246698
100. 0.429388703847	146. 0.604107345043	192. 0.754740727662
101. 0.433528119084	147. 0.613627705427	193. 0.768788954088
102. 0.436817242062	148. 0.615249349992	194. 0.769518728363
103. 0.436817242062	149. 0.615249349992	195. 0.769518728363
104. 0.441956119995	150. 0.623204262441	196. 0.770050608152
105. 0.442871728144	151. 0.625450904761	197. 0.773042216456
106. 0.442871728144	152. 0.634421510895	198. 0.773042216456
107. 0.443746279898	153. 0.636324824785	199. 0.775302966301
108. 0.447323302627	154. 0.636324824785	200. 0.775996553739
109. 0.447701936202	155. 0.638931787709	201. 0.778872525736
110. 0.447701936202	156. 0.638931787709	202. 0.78367841515
111. 0.459492439875	157. 0.639225682464	203. 0.78367841515
112. 0.46297707304	158. 0.64610935394	204. 0.789004407598
113. 0.493617590217	159. 0.647065534515	205. 0.794398676998
114. 0.498410074139	160. 0.64939084103	206. 0.794398676998
115. 0.498410074139	161. 0.654255754497	207. 0.800031629472
116. 0.502035611461	162. 0.664780170089	208. 0.807603536697
117. 0.502035611461	163. 0.679013690501	209. 0.808730717729
118. 0.503549991321	164. 0.68073851692	210. 0.808730717729
119. 0.504725529825	165. 0.683022584627	211. 0.810557776403
120. 0.513173385344	166. 0.683022584627	212. 0.813877336252
121. 0.52040657371	167. 0.686127227827	213. 0.814442071852
122. 0.52040657371	168. 0.686127227827	214. 0.814442071852
123. 0.521843296484	169. 0.68943556016	215. 0.816138029783
124. 0.522626698024	170. 0.690165993165	216. 0.820051279891
125. 0.529053195828	171. 0.693929504138	217. 0.824051844826
126. 0.529053195828	172. 0.693929504138	218. 0.824051844826
127. 0.533780816235	173. 0.700992525634	219. 0.827636891453
128. 0.537121224883	174. 0.700992525634	220. 0.834143898628
129. 0.549635333845	175. 0.709259731359	221. 0.835494632853
130. 0.559891800903	176. 0.711416016905	222. 0.836397411565
131. 0.560068458958	177. 0.715776671371	223. 0.836397411565
132. 0.564997851529	178. 0.715776671371	224. 0.850767680628
133. 0.564997851529	179. 0.717741218846	225. 0.853407722398
134. 0.569224412233	180. 0.724782848844	226. 0.853407722398
135. 0.575843127163	181. 0.72623616115	227. 0.853777514791
136. 0.577741707105	182. 0.72623616115	228. 0.865766808585
137. 0.577741707105	183. 0.731874857838	229. 0.865766808585
138. 0.586285135662	184. 0.735261666979	230. 0.867304564265

231.	0.874109515015	277.	1.00454399671	323.	1.14303424276
232.	0.875114202693	278.	1.00547296824	324.	1.14303424276
233.	0.878782823897	279.	1.00592619097	325.	1.14679973906
234.	0.888173438396	280.	1.00592619097	326.	1.14755981345
235.	0.888173438396	281.	1.01225834732	327.	1.16677119989
236.	0.895831967914	282.	1.0205016629	328.	1.16677119989
237.	0.896766557369	283.	1.0205016629	329.	1.1698922605
238.	0.896767542659	284.	1.02290094808	330.	1.17274368337
239.	0.897640525778	285.	1.02696616492	331.	1.172975097
240.	0.899154556317	286.	1.03432591914	332.	1.17921744509
241.	0.899154556317	287.	1.03632622845	333.	1.186392927
242.	0.909113876963	288.	1.03632622845	334.	1.18692229069
243.	0.909113876963	289.	1.0423660999	335.	1.18692229069
244.	0.912984303969	290.	1.04369471404	336.	1.18841682476
245.	0.918815506148	291.	1.04369471404	337.	1.19988683226
246.	0.92505109551	292.	1.050240305	338.	1.20413804503
247.	0.92505109551	293.	1.05932014183	339.	1.20572315225
248.	0.929358977773	294.	1.06117359812	340.	1.20572315225
249.	0.929358977773	295.	1.06152378864	341.	1.21060413809
250.	0.933035710657	296.	1.06152378864	342.	1.21438687808
251.	0.933776036967	297.	1.06481909361	343.	1.21438687808
252.	0.936737716551	298.	1.06621472251	344.	1.21758917822
253.	0.940323685076	299.	1.06621472251	345.	1.22030917148
254.	0.941013705498	300.	1.07333383104	346.	1.22030917148
255.	0.941013705498	301.	1.07881456887	347.	1.2265535299
256.	0.947069966086	302.	1.07881456887	348.	1.2265535299
257.	0.947069966086	303.	1.08585178002	349.	1.22799116494
258.	0.950339797118	304.	1.08585178002	350.	1.23038491561
259.	0.957951951607	305.	1.08608493794	351.	1.23349293037
260.	0.959815722644	306.	1.08630049163	352.	1.23811326554
261.	0.961844139214	307.	1.09621933491	353.	1.24019659748
262.	0.961844139214	308.	1.09953096995	354.	1.24677799255
263.	0.966624567869	309.	1.10627342437	355.	1.24677799255
264.	0.966624567869	310.	1.10627342437	356.	1.24893445276
265.	0.967890699915	311.	1.10783133243	357.	1.25075379022
266.	0.97219067905	312.	1.10783133243	358.	1.2514724616
267.	0.976647327608	313.	1.10801702404	359.	1.25305682561
268.	0.978546194732	314.	1.11151350626	360.	1.25467829842
269.	0.981697135333	315.	1.11151350626	361.	1.25467829842
270.	0.985923543513	316.	1.11520052771	362.	1.25661929863
271.	0.985923543513	317.	1.11662453688	363.	1.25661929863
272.	0.987998593445	318.	1.12068065216	364.	1.26472376404
273.	0.987998593445	319.	1.12456413531	365.	1.27814047882
274.	0.993472187897	320.	1.13117066095	366.	1.28412020002
275.	0.996268398056	321.	1.1376820911	367.	1.28412020002
276.	1.00351739379	322.	1.1376820911	368.	1.28729549776

369. 1.28968808554	415. 1.42342640479	461. 1.52156329708
370. 1.2996236128	416. 1.42444576574	462. 1.52672080674
371. 1.2996236128	417. 1.43010411644	463. 1.52672080674
372. 1.30092311219	418. 1.43358708763	464. 1.52846336796
373. 1.30601759595	419. 1.43502660754	465. 1.53140756413
374. 1.3091489295	420. 1.43502660754	466. 1.53545597861
375. 1.3091489295	421. 1.44142504762	467. 1.5369552922
376. 1.32018256418	422. 1.44237653542	468. 1.5369552922
377. 1.32018256418	423. 1.44682615236	469. 1.54238450727
378. 1.32302468143	424. 1.45208009228	470. 1.54281441696
379. 1.3230607166	425. 1.45208009228	471. 1.54281441696
380. 1.3230607166	426. 1.45327591365	472. 1.54485584718
381. 1.32339104709	427. 1.45568113234	473. 1.54798128584
382. 1.3337223884	428. 1.45568113234	474. 1.55057089472
383. 1.3337223884	429. 1.45584429663	475. 1.55623344948
384. 1.33494608352	430. 1.46140208715	476. 1.55623344948
385. 1.33681709993	431. 1.46140208715	477. 1.56073406428
386. 1.33734695139	432. 1.46314693975	478. 1.56302470442
387. 1.34014200725	433. 1.46782411313	479. 1.56394415061
388. 1.3453582736	434. 1.46782411313	480. 1.56394415061
389. 1.3453582736	435. 1.46940736968	481. 1.56458588509
390. 1.34694492273	436. 1.47264264307	482. 1.56561895455
391. 1.35412163726	437. 1.47489885769	483. 1.57091525099
392. 1.359561454	438. 1.47661222107	484. 1.57379670827
393. 1.36046441758	439. 1.47661222107	485. 1.57379670827
394. 1.36046441758	440. 1.48271976715	486. 1.58235508055
395. 1.36747640743	441. 1.48681116671	487. 1.58255540939
396. 1.37063445125	442. 1.48830014782	488. 1.58464739935
397. 1.37170626906	443. 1.48830014782	489. 1.58464739935
398. 1.37170626906	444. 1.49446763589	490. 1.59210216405
399. 1.37818065459	445. 1.49577712332	491. 1.59210216405
400. 1.38600558074	446. 1.49577712332	492. 1.59791672442
401. 1.38600558074	447. 1.49807519847	493. 1.60035967382
402. 1.38654839741	448. 1.49826454286	494. 1.60035967382
403. 1.39228625524	449. 1.49909982798	495. 1.60269725636
404. 1.39614217565	450. 1.49909982798	496. 1.60798590322
405. 1.40090693215	451. 1.50535051046	497. 1.61424706599
406. 1.40090693215	452. 1.50535051046	498. 1.61424706599
407. 1.40290948547	453. 1.50556214375	499. 1.61623173379
408. 1.40516433783	454. 1.50707463319	500. 1.62089130664
409. 1.40569318493	455. 1.50756322412	501. 1.62089130664
410. 1.41055438934	456. 1.51030674468	502. 1.62283343763
411. 1.41157640976	457. 1.51133848622	503. 1.62600368039
412. 1.41157640976	458. 1.51406598351	504. 1.62600368039
413. 1.42118257052	459. 1.51406598351	505. 1.63230874683
414. 1.42118257052	460. 1.51993832525	506. 1.63240862083

507. 1.63240862083	553. 1.73221897105	599. 1.84063181969
508. 1.63241899836	554. 1.73336415267	600. 1.84089171375
509. 1.63417366271	555. 1.73502958498	601. 1.84089171375
510. 1.63781091594	556. 1.73620830003	602. 1.84095133651
511. 1.64148782214	557. 1.73620830003	603. 1.85337933235
512. 1.64158109484	558. 1.75066910762	604. 1.85337933235
513. 1.6451584567	559. 1.75066910762	605. 1.8536734266
514. 1.6475598604	560. 1.75842771454	606. 1.85905152275
515. 1.6475598604	561. 1.75877490836	607. 1.85990036836
516. 1.6528661869	562. 1.75877490836	608. 1.86317336345
517. 1.65369099651	563. 1.76073333998	609. 1.86317336345
518. 1.65369099651	564. 1.76246092988	610. 1.86448507906
519. 1.65602450965	565. 1.76688315201	611. 1.86779422794
520. 1.66863830005	566. 1.76688315201	612. 1.86861048775
521. 1.6753917841	567. 1.76993238103	613. 1.87022874011
522. 1.67558237094	568. 1.76993238103	614. 1.87124299454
523. 1.67753042192	569. 1.77234886939	615. 1.87124299454
524. 1.67753042192	570. 1.77399418241	616. 1.87425275411
525. 1.68063196437	571. 1.77510927976	617. 1.88081788676
526. 1.68063196437	572. 1.78383878722	618. 1.88169229978
527. 1.68110680385	573. 1.78383878722	619. 1.88344172123
528. 1.68569710391	574. 1.78578892617	620. 1.88750274608
529. 1.68569710391	575. 1.78729236818	621. 1.88750274608
530. 1.69302372934	576. 1.78811585243	622. 1.89316899441
531. 1.69304671049	577. 1.79617478506	623. 1.8947997299
532. 1.69383201569	578. 1.80070890084	624. 1.8947997299
533. 1.69569178155	579. 1.80265998241	625. 1.89526267077
534. 1.69569178155	580. 1.80281037536	626. 1.8957221416
535. 1.69958743326	581. 1.80281037536	627. 1.8997266121
536. 1.70394484928	582. 1.81280491243	628. 1.90419536335
537. 1.707461931	583. 1.81280491243	629. 1.90419536335
538. 1.707461931	584. 1.81312133151	630. 1.90715731638
539. 1.70831547118	585. 1.81947954782	631. 1.90715731638
540. 1.71033568946	586. 1.81984840453	632. 1.91466458709
541. 1.7118398483	587. 1.82149469769	633. 1.91570866885
542. 1.71353690294	588. 1.82149469769	634. 1.91570866885
543. 1.71704931643	589. 1.82407186138	635. 1.91640138842
544. 1.7170960679	590. 1.82407186138	636. 1.91666604625
545. 1.7170960679	591. 1.82639287053	637. 1.9169076068
546. 1.71867464318	592. 1.82743955052	638. 1.9211026906
547. 1.71867464318	593. 1.83168876365	639. 1.9211026906
548. 1.7203534811	594. 1.83168876365	640. 1.92482040572
549. 1.72785258108	595. 1.83169564185	641. 1.92482040572
550. 1.72787764855	596. 1.83307514079	642. 1.92684366688
551. 1.7316337852	597. 1.83307514079	643. 1.93135642952
552. 1.73221897105	598. 1.8340395587	644. 1.93135642952

645.	1.93139010861	691.	2.00554272405	737.	2.05580150018
646.	1.93455085213	692.	2.00639472992	738.	2.05580150018
647.	1.93546311216	693.	2.00802762734	739.	2.05594082972
648.	1.93546311216	694.	2.00916003531	740.	2.05758734806
649.	1.93670414444	695.	2.00998982367	741.	2.05857107216
650.	1.93825642243	696.	2.00998982367	742.	2.05986295304
651.	1.94383207487	697.	2.01263829495	743.	2.05986295304
652.	1.94383207487	698.	2.01375269386	744.	2.0602212277
653.	1.94670343038	699.	2.01375269386	745.	2.06192797447
654.	1.94676325347	700.	2.01489733345	746.	2.06192797447
655.	1.94676325347	701.	2.01667014796	747.	2.06275233607
656.	1.94801486045	702.	2.01763245693	748.	2.06297790445
657.	1.95327798579	703.	2.01763245693	749.	2.0636310152
658.	1.95642686586	704.	2.0207242655	750.	2.0657738819
659.	1.95642686586	705.	2.0207242655	751.	2.06772376017
660.	1.95773794208	706.	2.02401757241	752.	2.06955340591
661.	1.95993954235	707.	2.02401757241	753.	2.06955340591
662.	1.96382759488	708.	2.02476566542	754.	2.07295727948
663.	1.96769235328	709.	2.02838205819	755.	2.07416635491
664.	1.96806666294	710.	2.03032408358	756.	2.07635829274
665.	1.96899066129	711.	2.03032408358	757.	2.07635829274
666.	1.97441642593	712.	2.03176318067	758.	2.07826972549
667.	1.97525793629	713.	2.03378296564	759.	2.08054661376
668.	1.97593846969	714.	2.03417814435	760.	2.08054661376
669.	1.97616204599	715.	2.03483654279	761.	2.08271382961
670.	1.97616204599	716.	2.03638115148	762.	2.08501816155
671.	1.97829507635	717.	2.03638115148	763.	2.08501816155
672.	1.97857100357	718.	2.03662379015	764.	2.08537113864
673.	1.97857100357	719.	2.03755847391	765.	2.08666885859
674.	1.98011891973	720.	2.03890792408	766.	2.08666885859
675.	1.98011891973	721.	2.03890792408	767.	2.08952261891
676.	1.98331093794	722.	2.04151152322	768.	2.09193145669
677.	1.98356092031	723.	2.04166732534	769.	2.09194520995
678.	1.98356092031	724.	2.04166732534	770.	2.09238059943
679.	1.98733670233	725.	2.04229174822	771.	2.09238059943
680.	1.9883749735	726.	2.04575426525	772.	2.0965177273
681.	1.98933628997	727.	2.04575426525	773.	2.09690507024
682.	1.99335117062	728.	2.04599780429	774.	2.09724709172
683.	1.99454890767	729.	2.04723629304	775.	2.09769448744
684.	1.99591986978	730.	2.04809823626	776.	2.10022881193
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2164.	4.44693863439	2210.	4.50834474636	2256.	4.58704638362
2165.	4.44728500657	2211.	4.50976921377	2257.	4.58704638362
2166.	4.45174765581	2212.	4.50976921377	2258.	4.59024551976
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2169.	4.45478431717	2215.	4.51625103696	2261.	4.59531259103
2170.	4.45727966897	2216.	4.51625103696	2262.	4.59531259103
2171.	4.45920257194	2217.	4.52296404191	2263.	4.59552972827
2172.	4.45920257194	2218.	4.52296404191	2264.	4.59765864872
2173.	4.46106015179	2219.	4.52521670278	2265.	4.59928735286
2174.	4.46106015179	2220.	4.52673156444	2266.	4.59928735286
2175.	4.4625485699	2221.	4.52786283939	2267.	4.59942244016
2176.	4.4625485699	2222.	4.52786283939	2268.	4.60418041717
2177.	4.4636802855	2223.	4.52954836637	2269.	4.60468054454
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2180.	4.46791816753	2226.	4.53074511711	2272.	4.60703635853
2181.	4.46827527695	2227.	4.53180939201	2273.	4.61146903567
2182.	4.47272157752	2228.	4.53317086243	2274.	4.61209938393
2183.	4.47272157752	2229.	4.53933301754	2275.	4.61249046672
2184.	4.47441179009	2230.	4.53933301754	2276.	4.61249046672
2185.	4.47505901944	2231.	4.540179393	2277.	4.6131141364
2186.	4.47630648362	2232.	4.54367766599	2278.	4.61420792345
2187.	4.47659036889	2233.	4.54409917552	2279.	4.61494754514
2188.	4.4774544422	2234.	4.54997948623	2280.	4.6150594611
2189.	4.47859263932	2235.	4.54997948623	2281.	4.62279863613
2190.	4.47859263932	2236.	4.55052903823	2282.	4.62430634995
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2192.	4.48177876127	2238.	4.55258064296	2284.	4.62471060105
2193.	4.48179075398	2239.	4.55297715739	2285.	4.6250863567
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2196.	4.48715132268	2242.	4.55890813264	2288.	4.62638031956
2197.	4.48730461768	2243.	4.5630790057	2289.	4.62675951164
2198.	4.48730461768	2244.	4.5636811697	2290.	4.62943141016
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2202.	4.49531493703	2248.	4.57186670457	2294.	4.63444035969
2203.	4.49853846427	2249.	4.5752795008	2295.	4.63444035969
2204.	4.49853846427	2250.	4.5752795008	2296.	4.63666978659
2205.	4.49900829719	2251.	4.57933656904	2297.	4.63762795856
2206.	4.50010627217	2252.	4.58299367102	2298.	4.63762795856
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2208.	4.50468113315	2254.	4.58396839732	2300.	4.63928160699

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2307.	4.64854837599	2353.	4.7067899292	2399.	4.77353765085
2308.	4.6493277949	2354.	4.71009580269	2400.	4.7759897407
2309.	4.65237491577	2355.	4.71009580269	2401.	4.7759897407
2310.	4.65266297537	2356.	4.71411222943	2402.	4.77617159233
2311.	4.65266297537	2357.	4.71742274294	2403.	4.77734706292
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2318.	4.66092588006	2364.	4.72725648589	2410.	4.78949564917
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2320.	4.66224203253	2366.	4.72727494175	2412.	4.79267071514
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2323.	4.66535134395	2369.	4.73046127246	2415.	4.79811396102
2324.	4.66553649056	2370.	4.73336268336	2416.	4.79811396102
2325.	4.67148287858	2371.	4.73411165763	2417.	4.80230972385
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2327.	4.67186507731	2373.	4.73682374043	2419.	4.80240657364
2328.	4.67402880761	2374.	4.73682374043	2420.	4.80779328376
2329.	4.67402880761	2375.	4.73946242467	2421.	4.8092823446
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2332.	4.68108242156	2378.	4.74291040416	2424.	4.81085498001
2333.	4.68108242156	2379.	4.74291040416	2425.	4.81144582431
2334.	4.68520884638	2380.	4.74384681926	2426.	4.81243127215
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2339.	4.68871723583	2385.	4.75217247171	2431.	4.81967550999
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2342.	4.69248866271	2388.	4.75721136987	2434.	4.82625537736
2343.	4.69387786497	2389.	4.75814497614	2435.	4.82625537736
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2479.	4.89902412173	2525.	4.97086071824	2571.	5.01768122703
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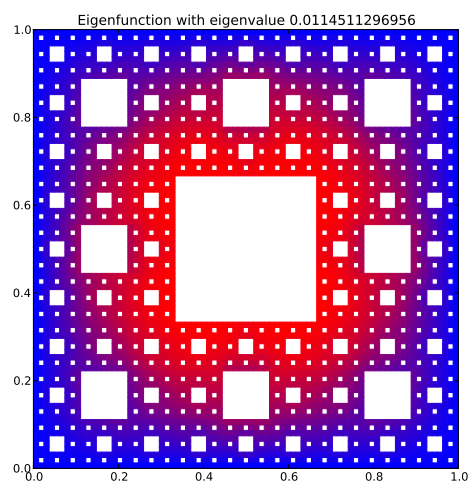
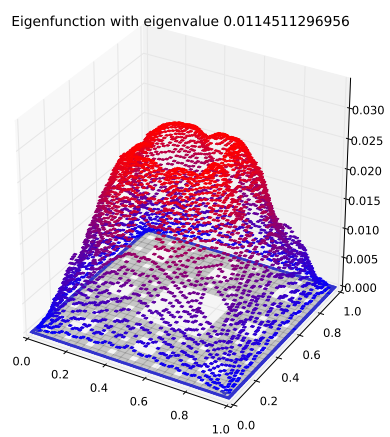
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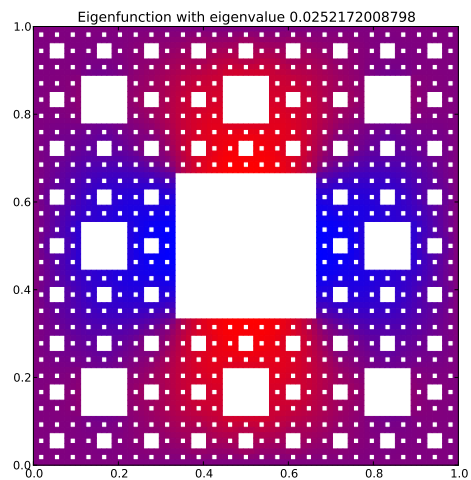
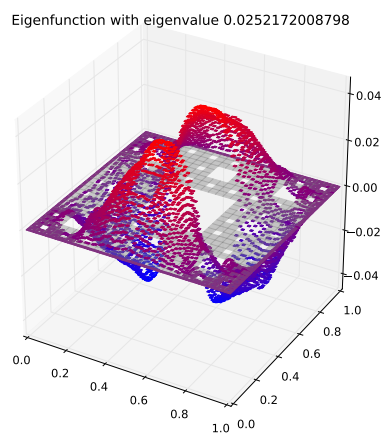
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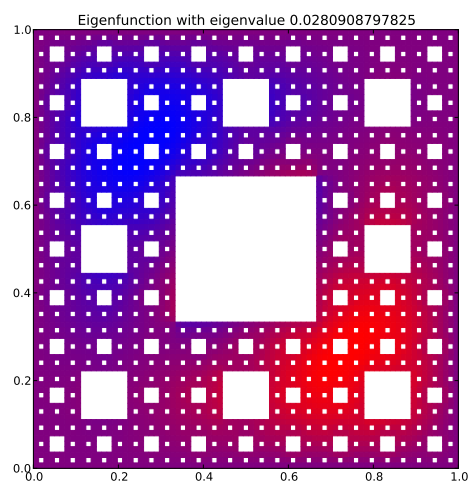
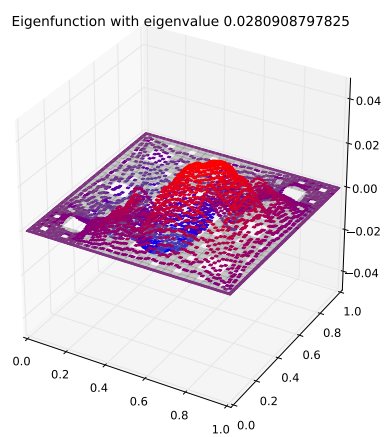
Eigenfunction 0 with eigenvalue 0.0114511296956



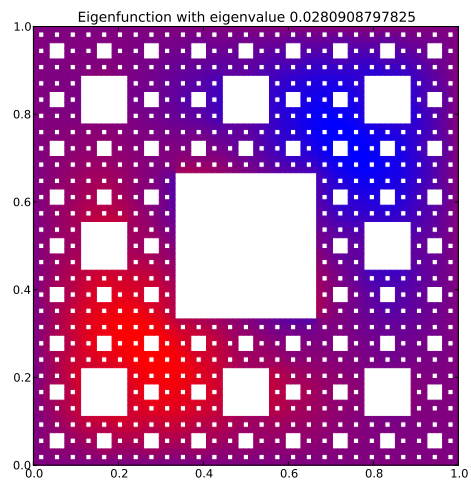
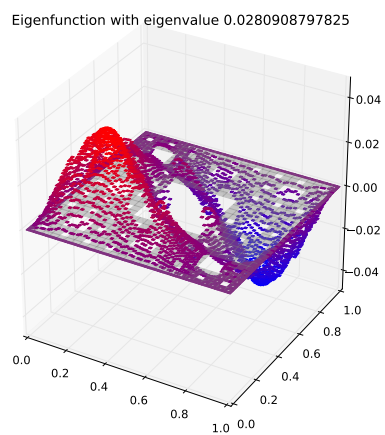
Eigenfunction 1 with eigenvalue 0.0252172008798



Eigenfunction 2 with eigenvalue 0.0280908797825

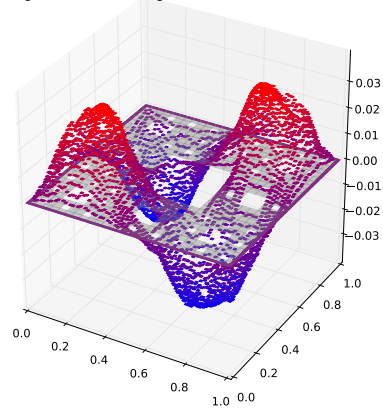


Eigenfunction 3 with eigenvalue 0.0280908797825

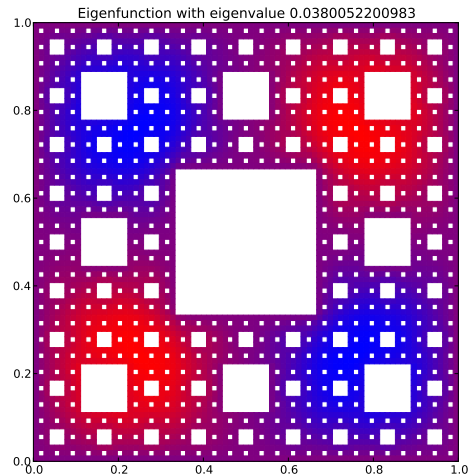


Eigenfunction 4 with eigenvalue 0.0380052200983

Eigenfunction with eigenvalue 0.0380052200983

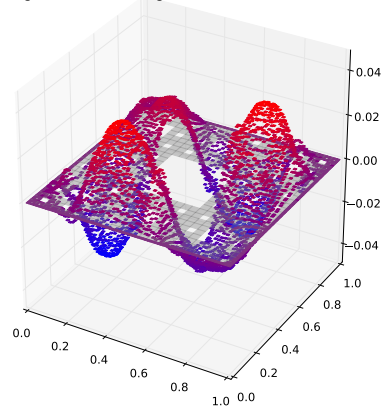


Eigenfunction with eigenvalue 0.0380052200983

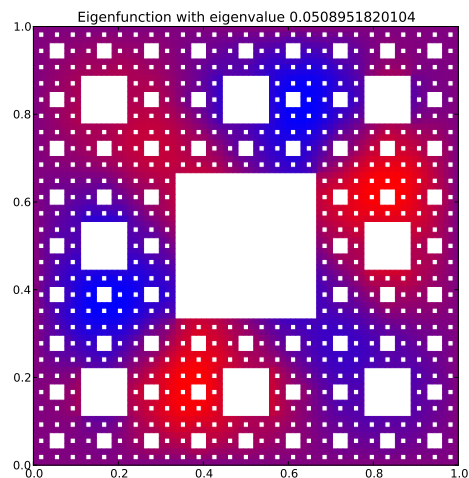


Eigenfunction 5 with eigenvalue 0.0508951820104

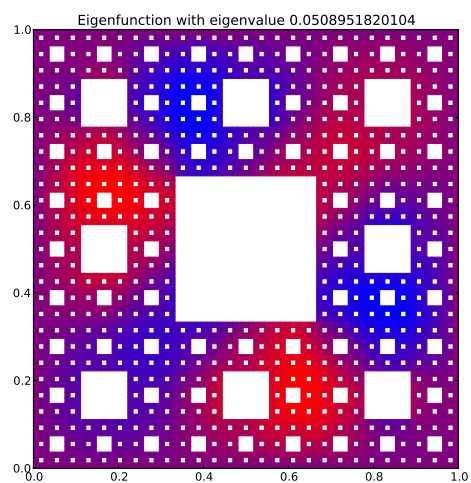
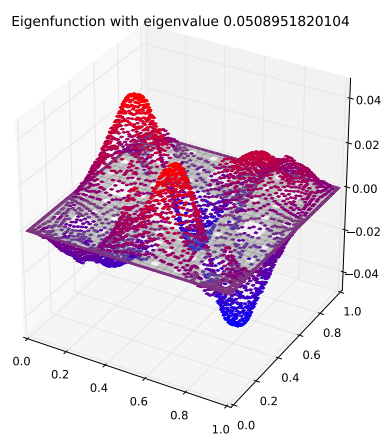
Eigenfunction with eigenvalue 0.0508951820104



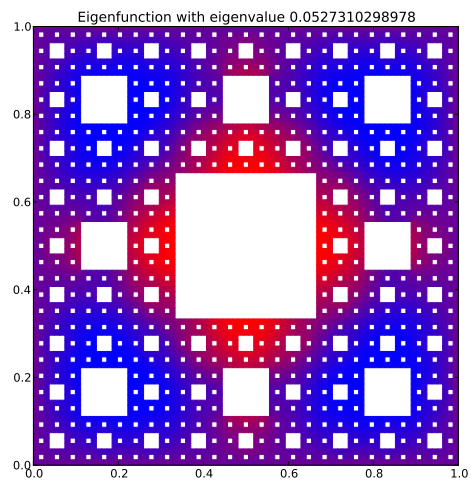
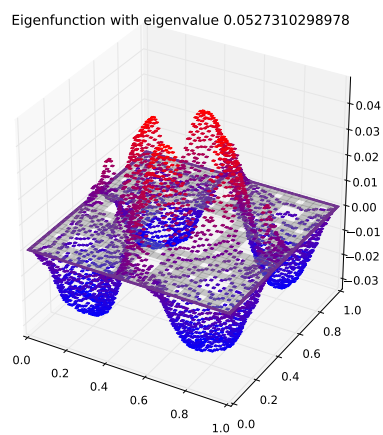
Eigenfunction with eigenvalue 0.0508951820104



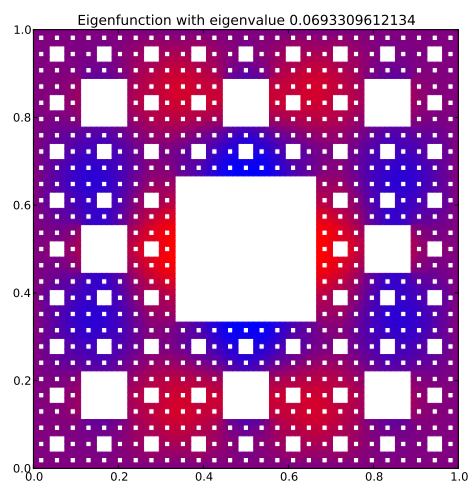
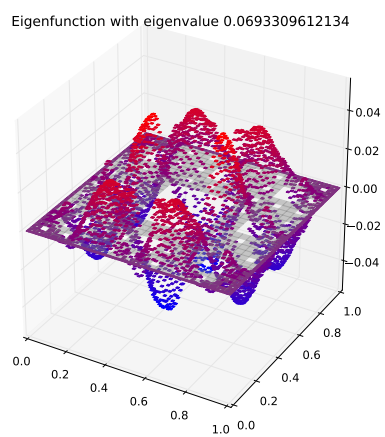
Eigenfunction 6 with eigenvalue 0.0508951820104



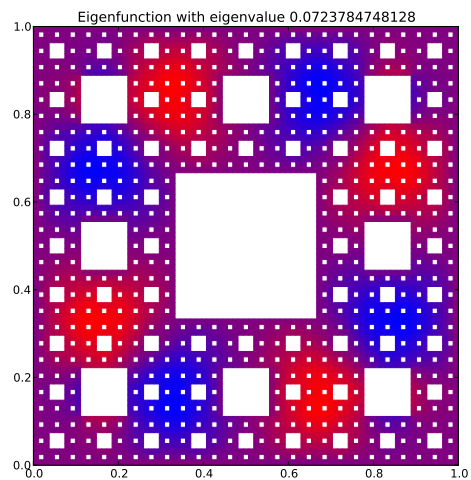
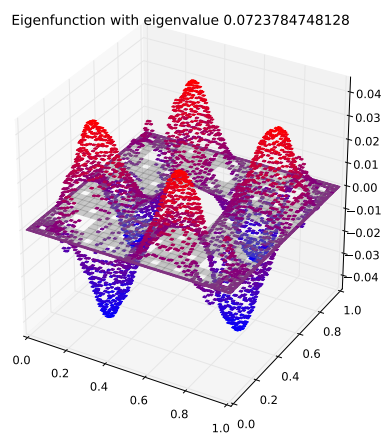
Eigenfunction 7 with eigenvalue 0.0527310298978



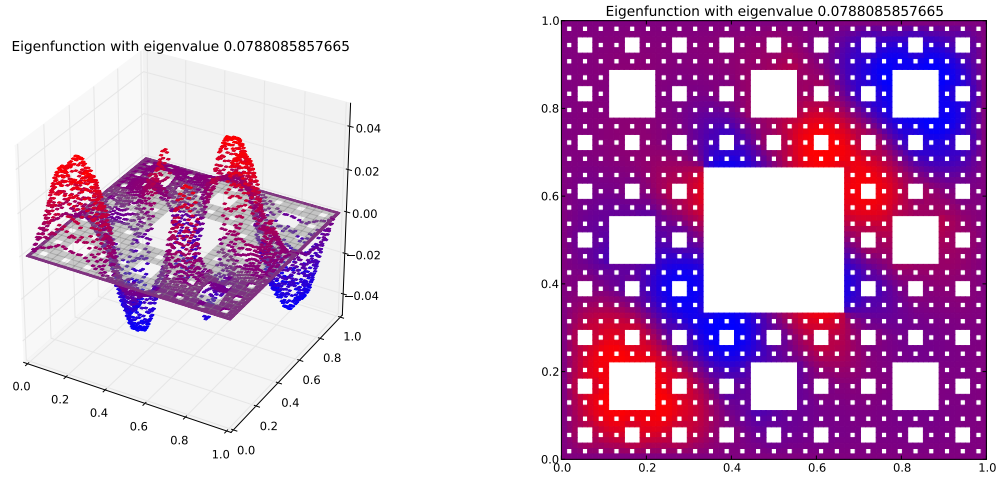
Eigenfunction 8 with eigenvalue 0.0693309612134



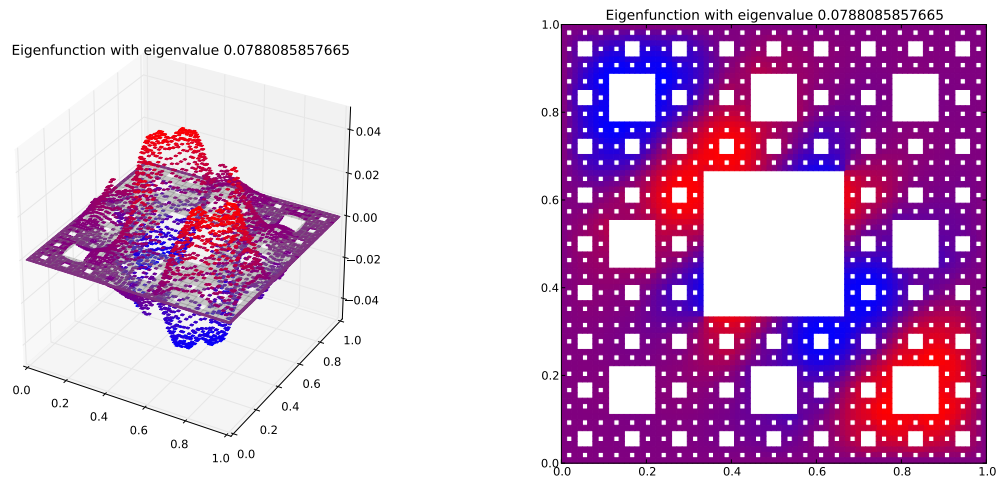
Eigenfunction 9 with eigenvalue 0.0723784748128



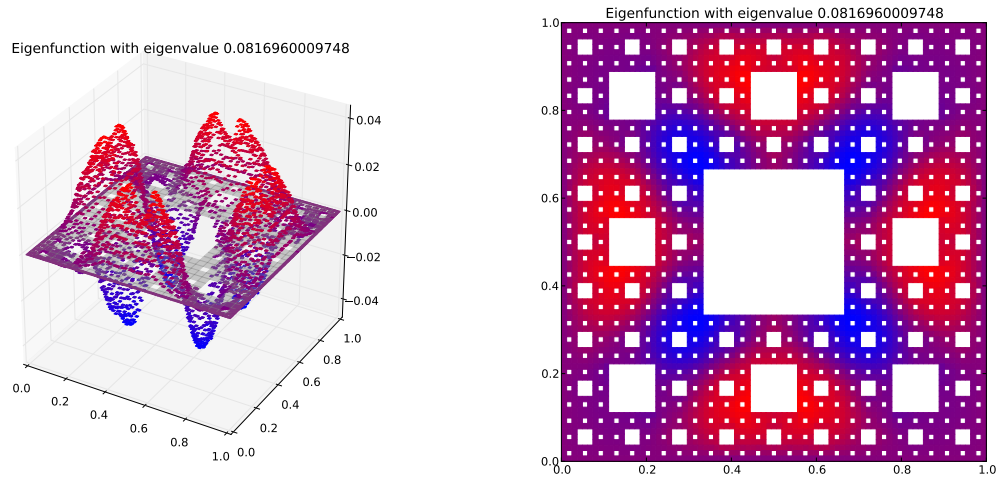
Eigenfunction 10 with eigenvalue 0.0788085857665



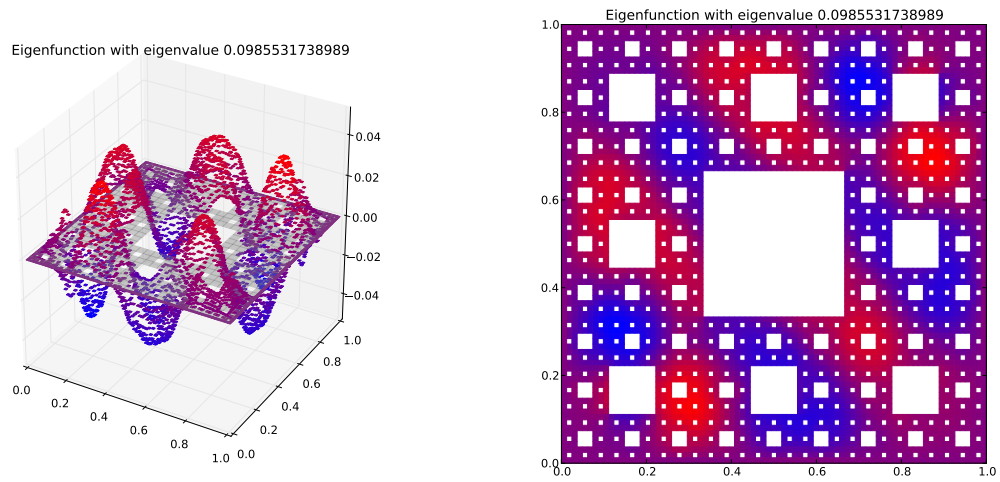
Eigenfunction 11 with eigenvalue 0.0788085857665



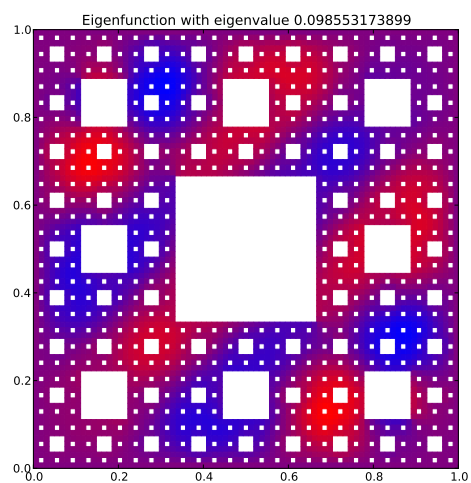
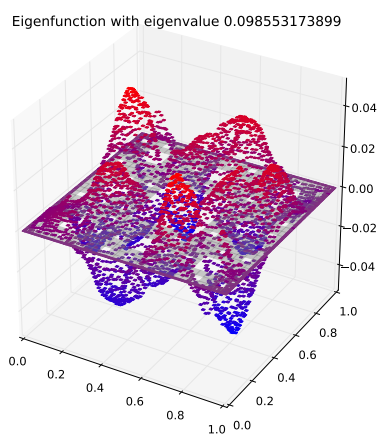
Eigenfunction 12 with eigenvalue 0.0816960009748



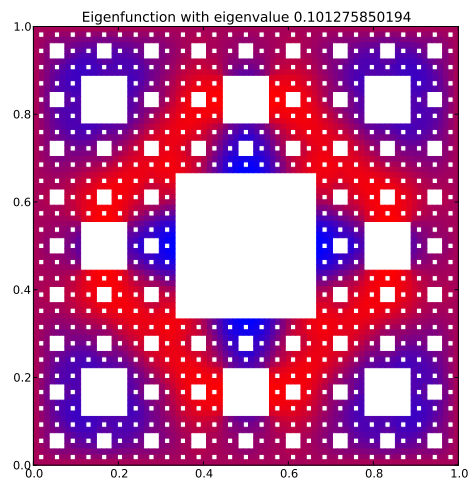
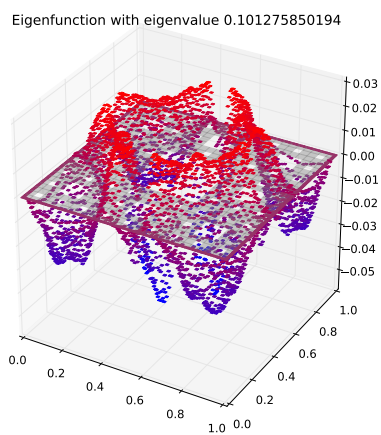
Eigenfunction 13 with eigenvalue 0.0985531738989



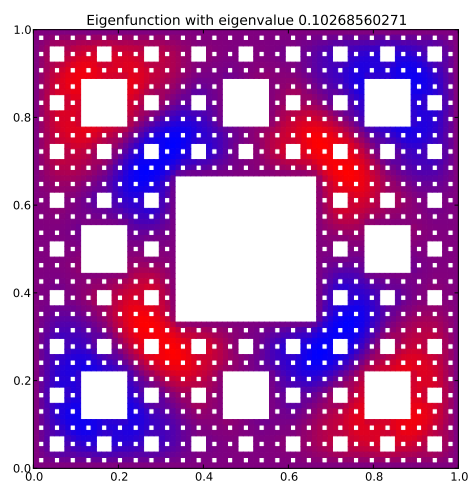
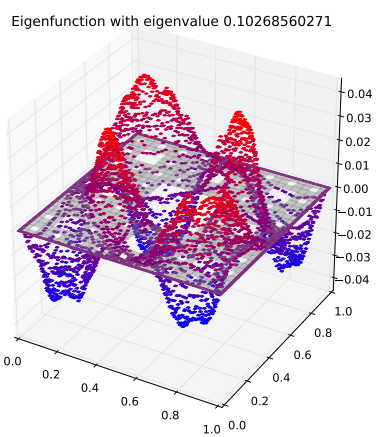
Eigenfunction 14 with eigenvalue 0.098553173899



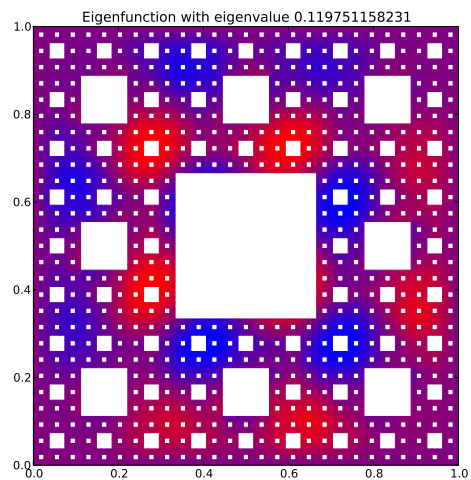
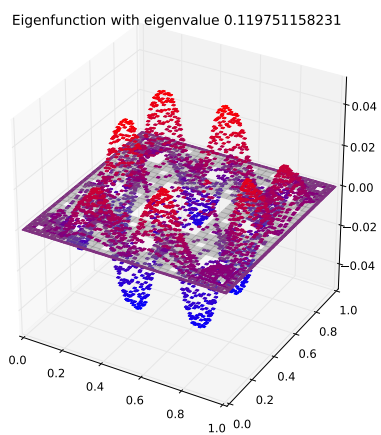
Eigenfunction 15 with eigenvalue 0.101275850194



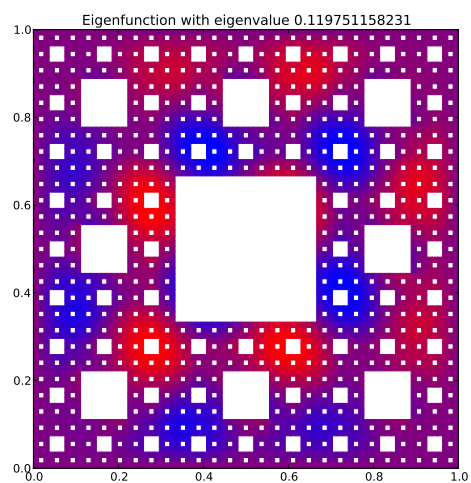
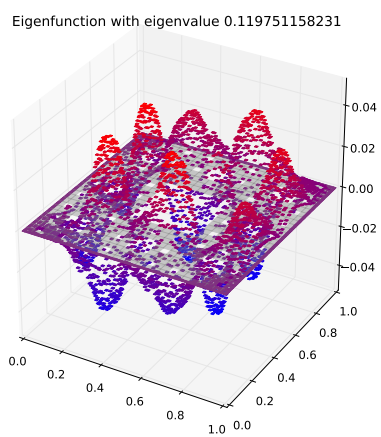
Eigenfunction 16 with eigenvalue 0.10268560271



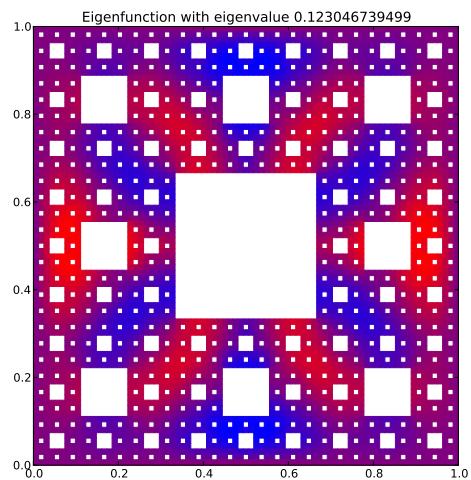
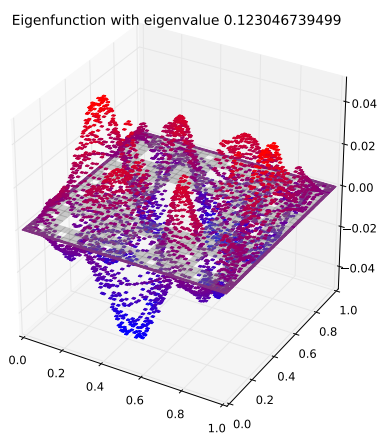
Eigenfunction 17 with eigenvalue 0.119751158231



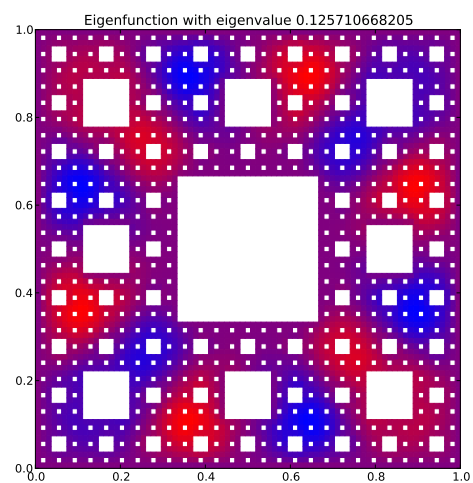
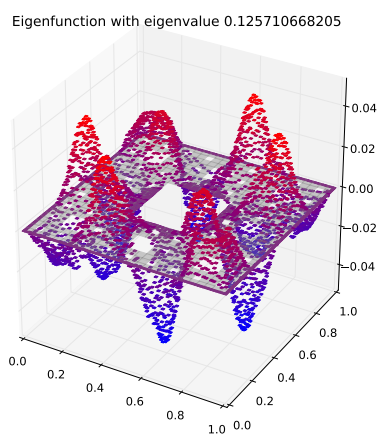
Eigenfunction 18 with eigenvalue 0.119751158231



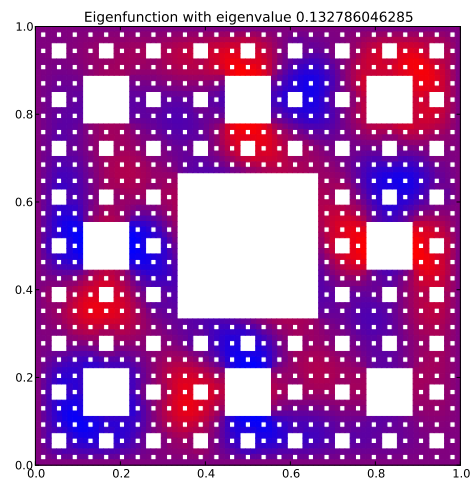
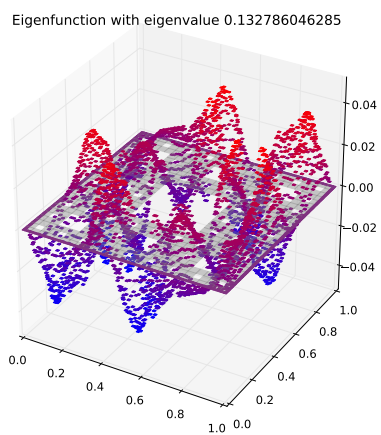
Eigenfunction 19 with eigenvalue 0.123046739499



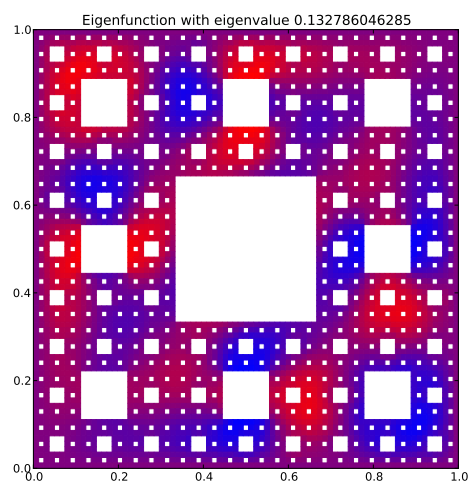
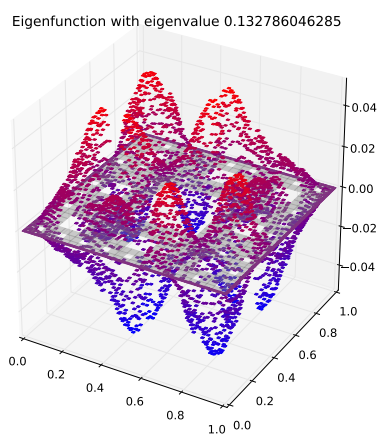
Eigenfunction 20 with eigenvalue 0.125710668205



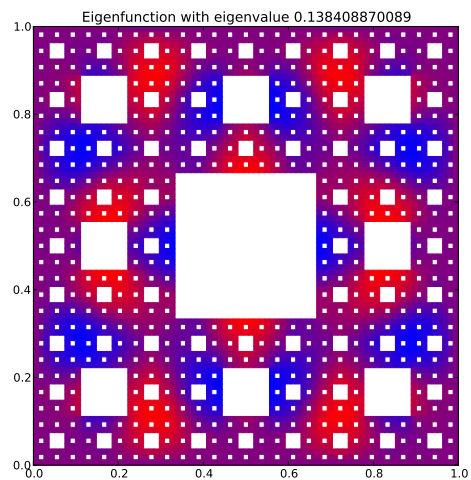
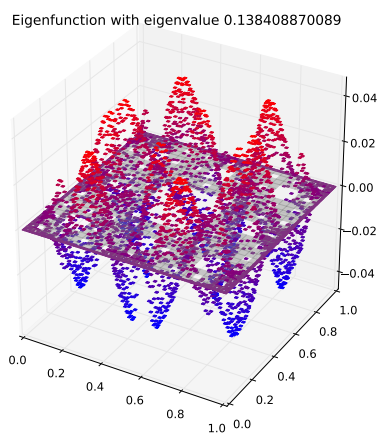
Eigenfunction 21 with eigenvalue 0.132786046285



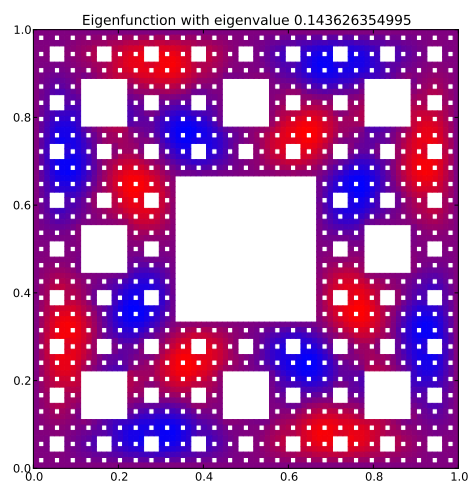
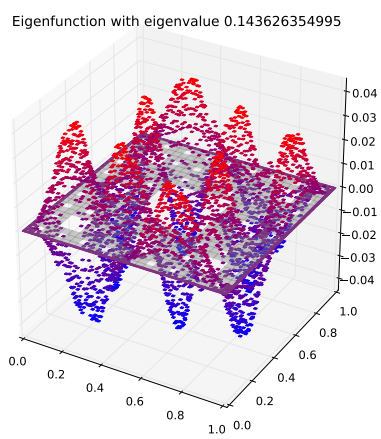
Eigenfunction 22 with eigenvalue 0.132786046285



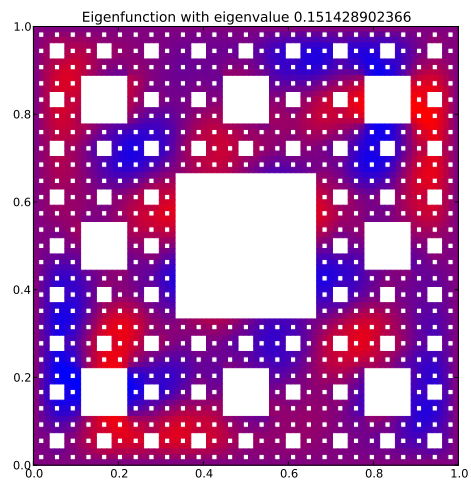
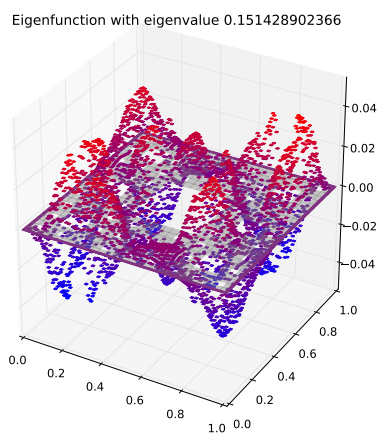
Eigenfunction 23 with eigenvalue 0.138408870089



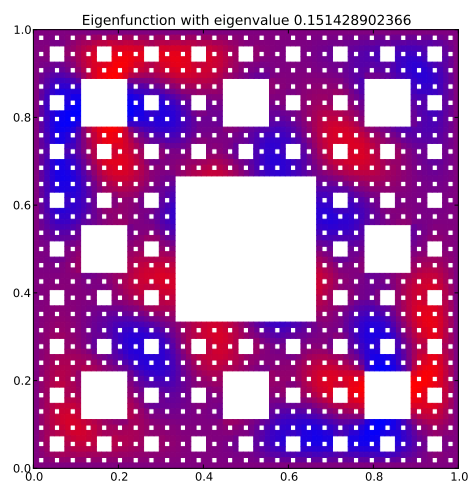
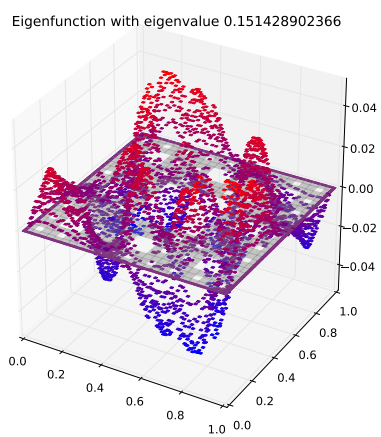
Eigenfunction 24 with eigenvalue 0.143626354995



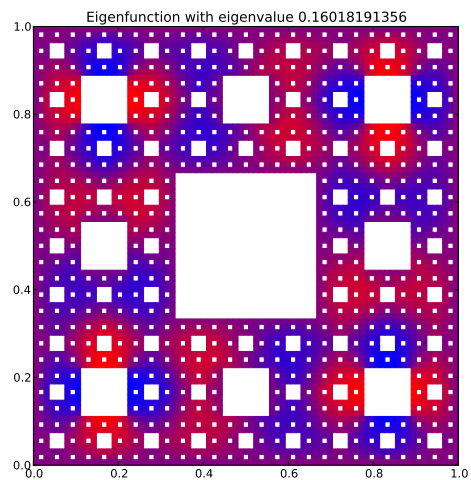
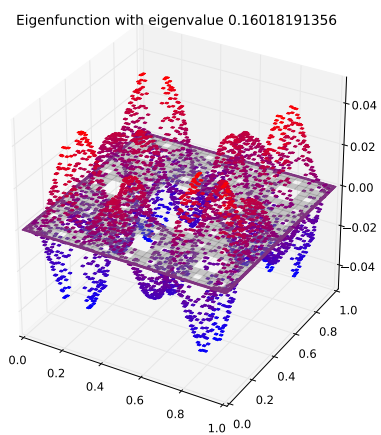
Eigenfunction 25 with eigenvalue 0.151428902366



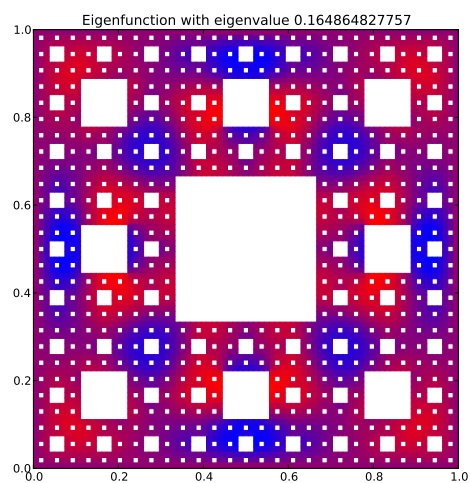
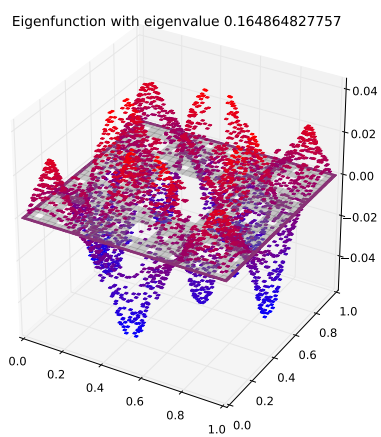
Eigenfunction 26 with eigenvalue 0.151428902366



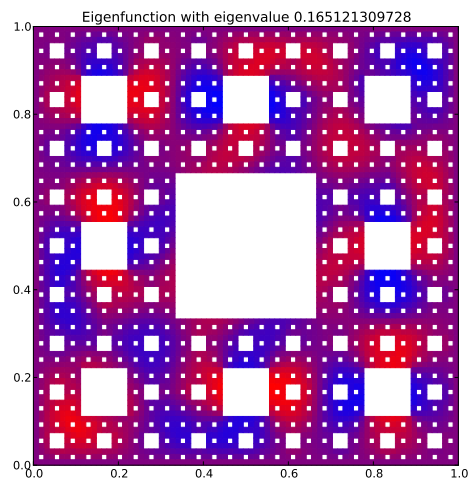
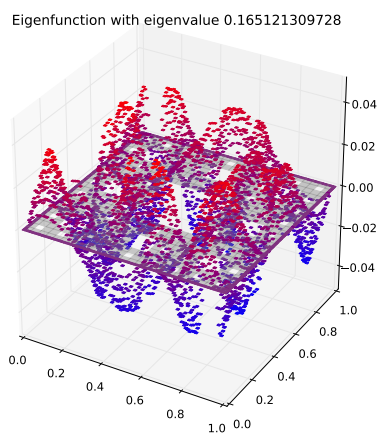
Eigenfunction 27 with eigenvalue 0.16018191356



Eigenfunction 28 with eigenvalue 0.164864827757

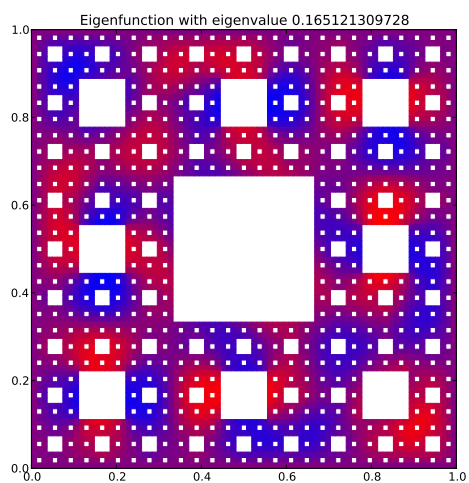
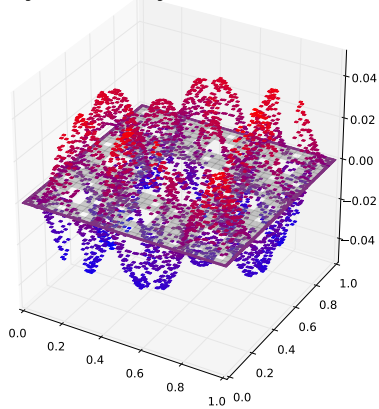


Eigenfunction 29 with eigenvalue 0.165121309728



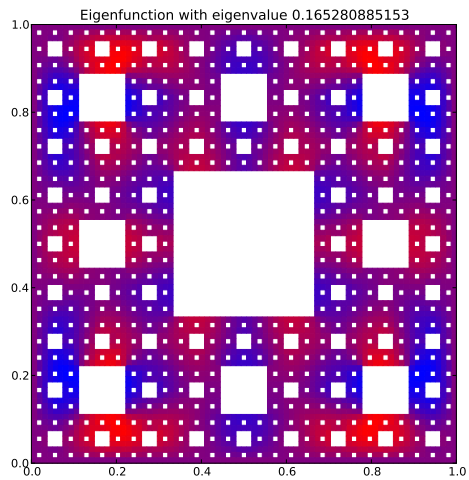
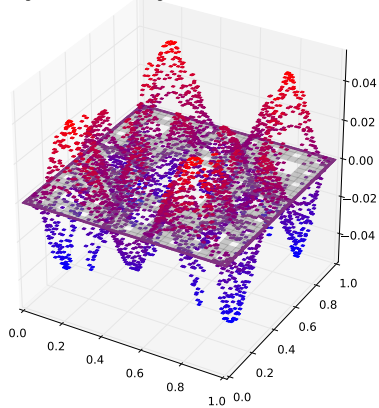
Eigenfunction 30 with eigenvalue 0.165121309728

Eigenfunction with eigenvalue 0.165121309728

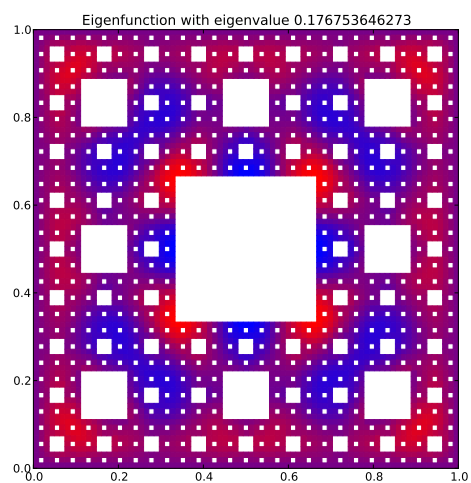
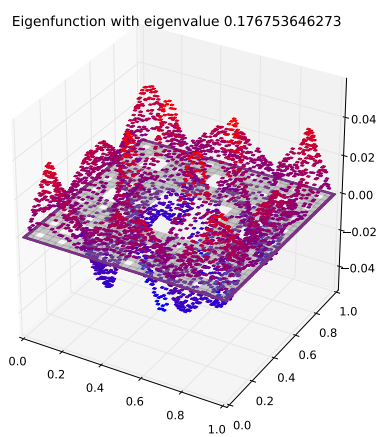


Eigenfunction 31 with eigenvalue 0.165280885153

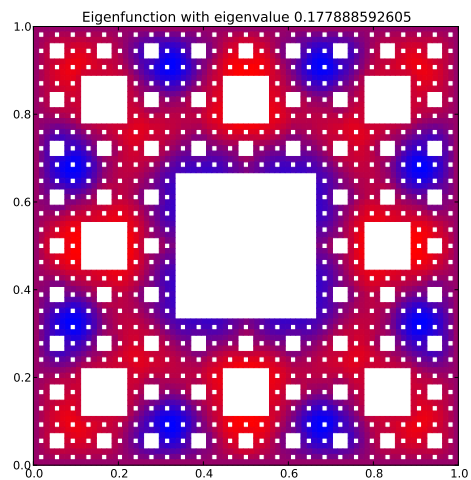
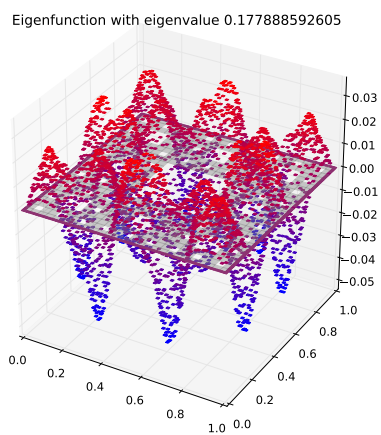
Eigenfunction with eigenvalue 0.165280885153



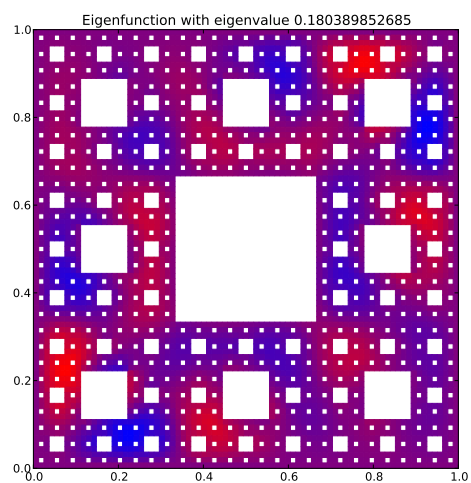
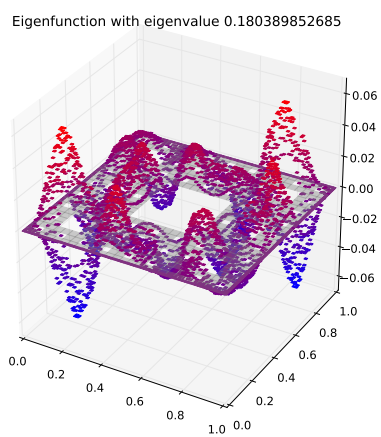
Eigenfunction 32 with eigenvalue 0.176753646273



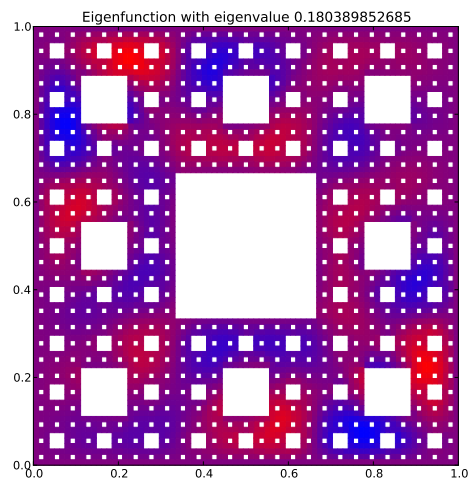
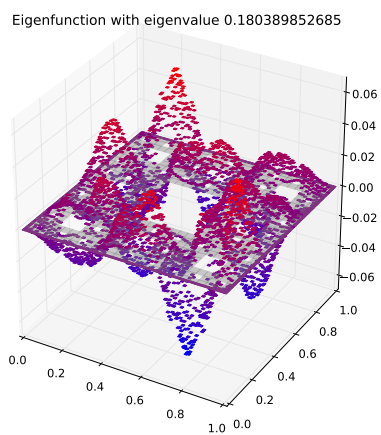
Eigenfunction 33 with eigenvalue 0.177888592605



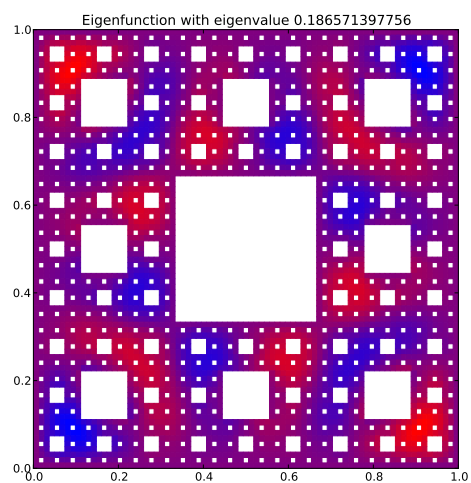
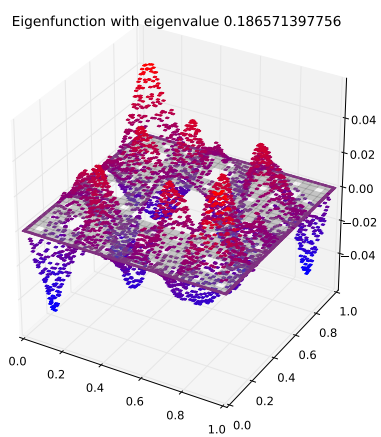
Eigenfunction 34 with eigenvalue 0.180389852685



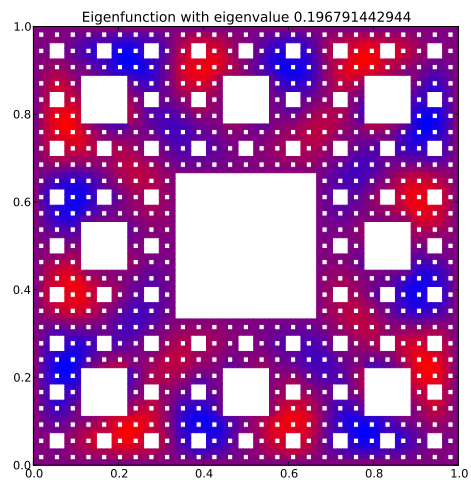
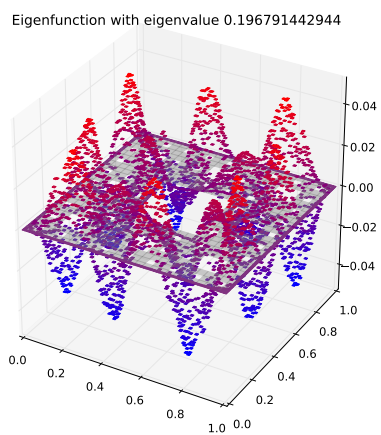
Eigenfunction 35 with eigenvalue 0.180389852685



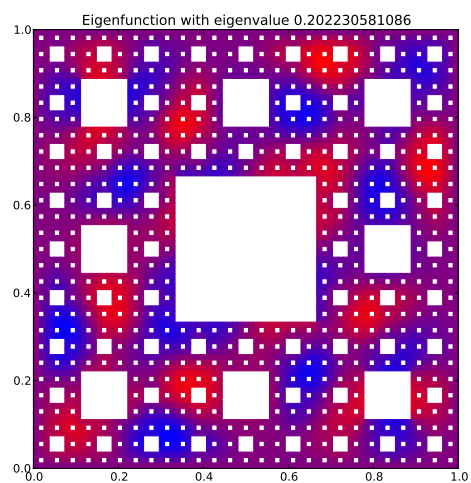
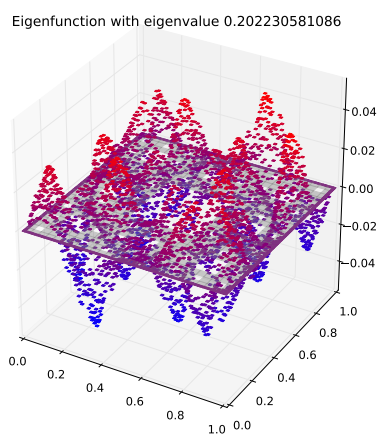
Eigenfunction 36 with eigenvalue 0.186571397756



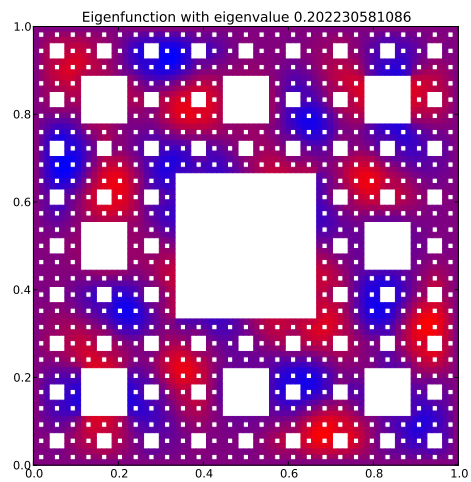
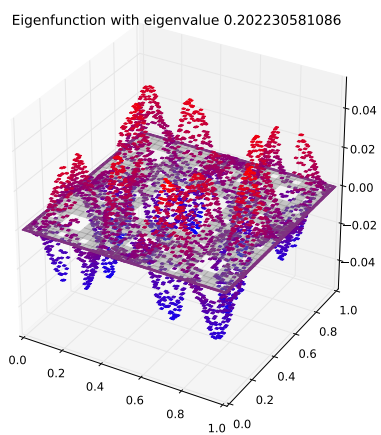
Eigenfunction 37 with eigenvalue 0.196791442944



Eigenfunction 38 with eigenvalue 0.202230581086

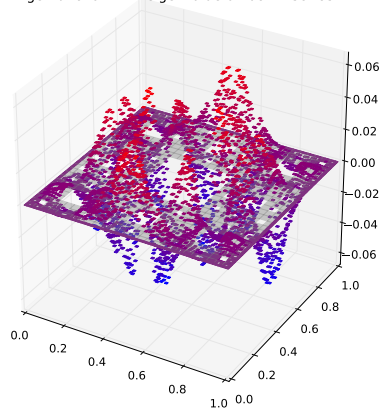


Eigenfunction 39 with eigenvalue 0.202230581086

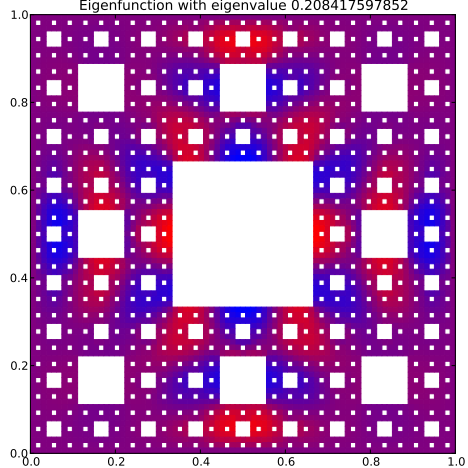


Eigenfunction 40 with eigenvalue 0.208417597852

Eigenfunction with eigenvalue 0.208417597852

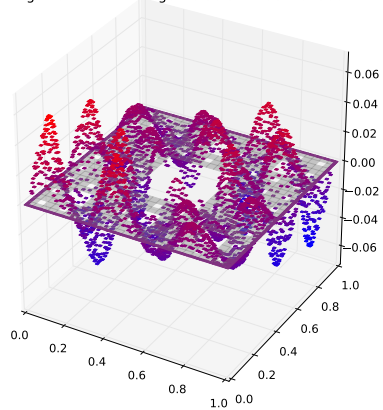


Eigenfunction with eigenvalue 0.208417597852

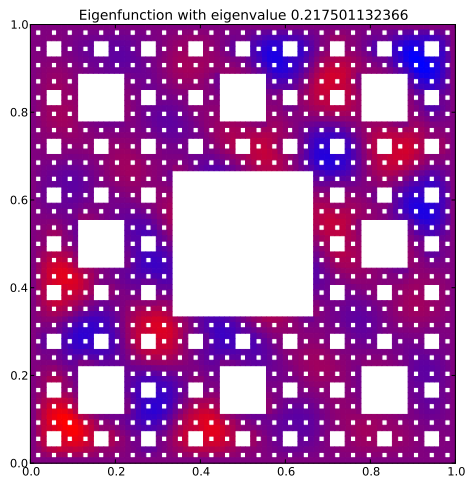


Eigenfunction 41 with eigenvalue 0.217501132366

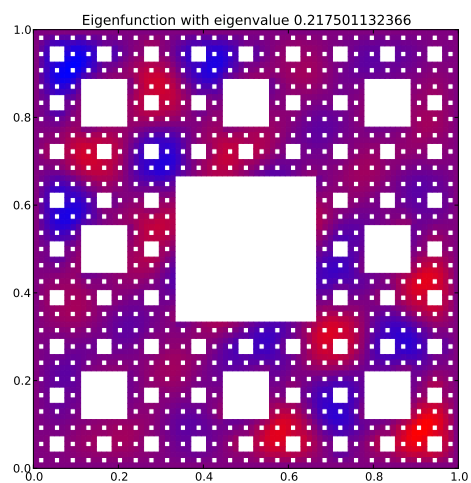
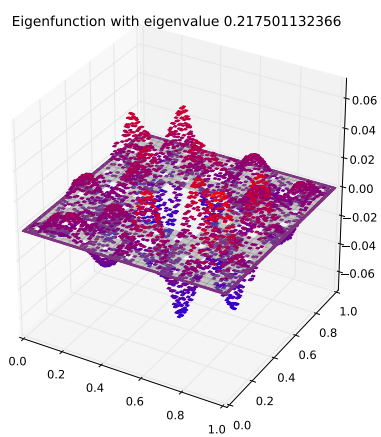
Eigenfunction with eigenvalue 0.217501132366



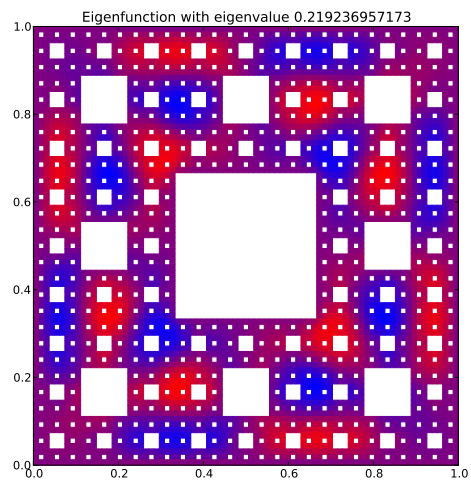
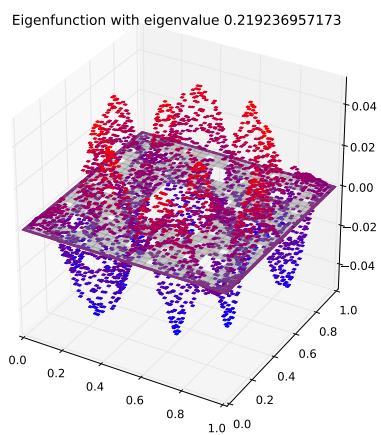
Eigenfunction with eigenvalue 0.217501132366



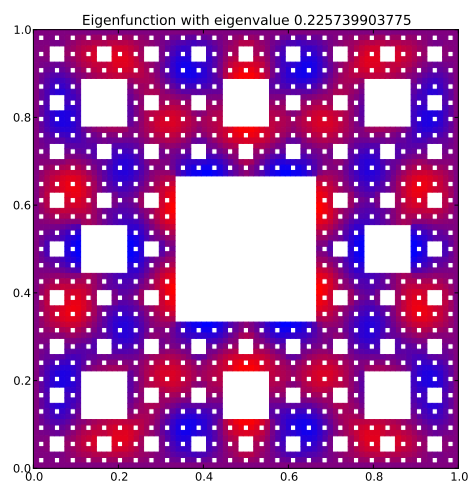
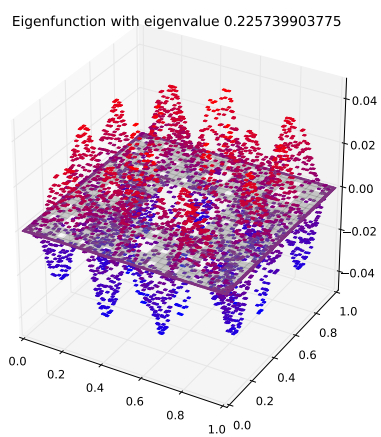
Eigenfunction 42 with eigenvalue 0.217501132366



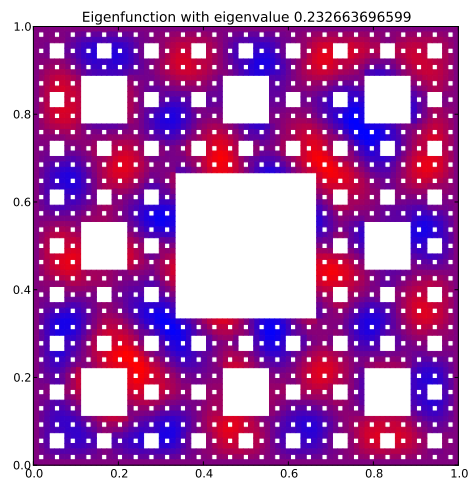
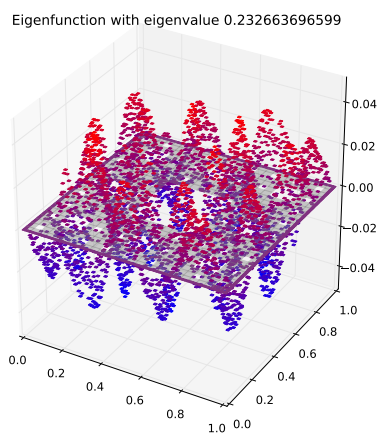
Eigenfunction 43 with eigenvalue 0.219236957173



Eigenfunction 44 with eigenvalue 0.225739903775

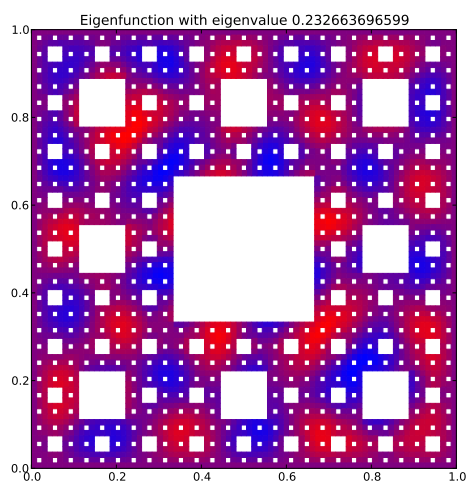
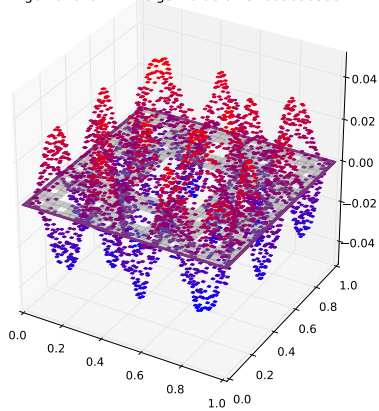


Eigenfunction 45 with eigenvalue 0.232663696599



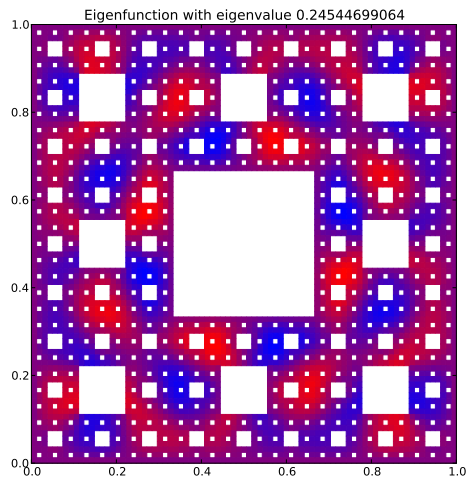
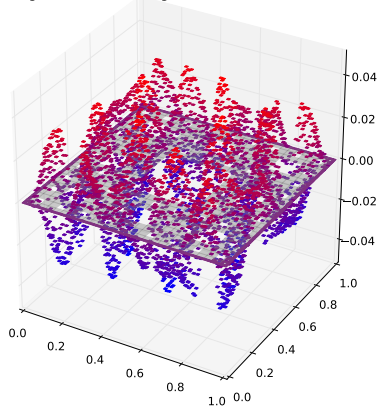
Eigenfunction 46 with eigenvalue 0.232663696599

Eigenfunction with eigenvalue 0.232663696599

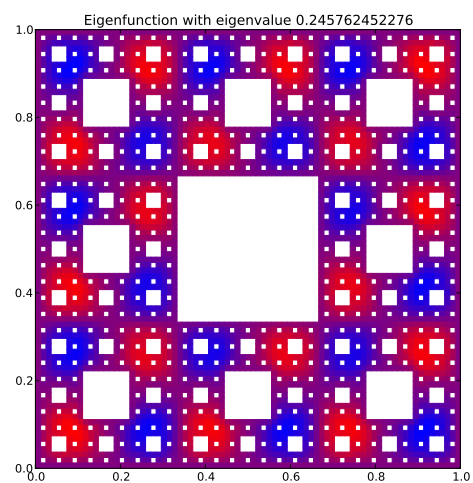
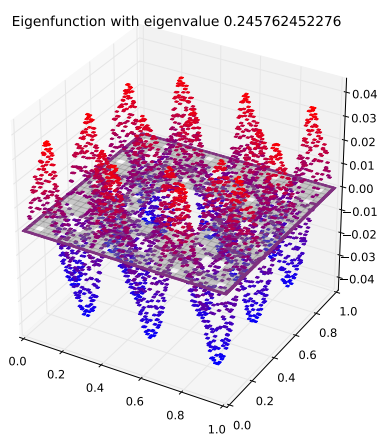


Eigenfunction 47 with eigenvalue 0.24544699064

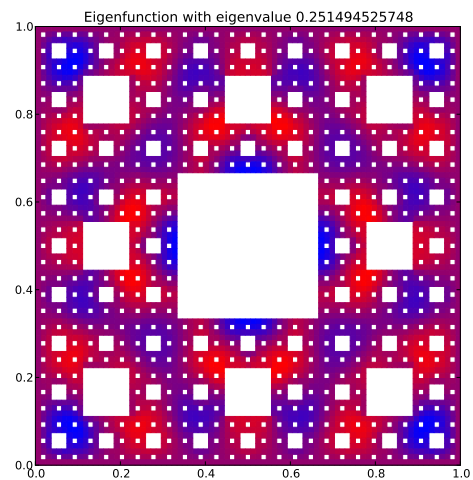
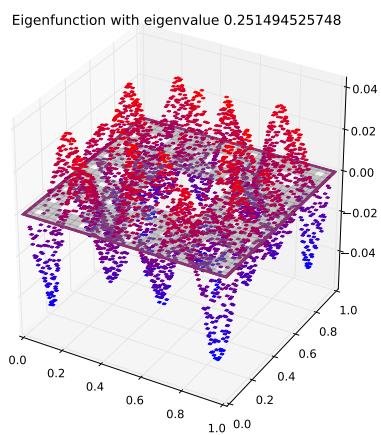
Eigenfunction with eigenvalue 0.24544699064



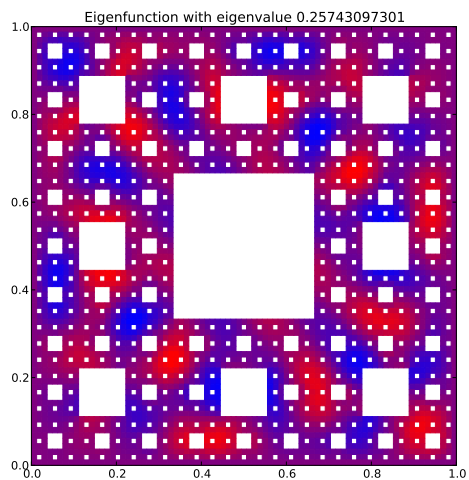
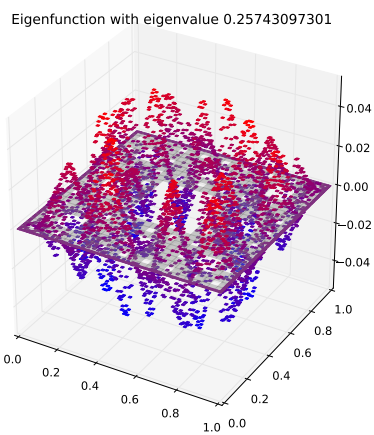
Eigenfunction 48 with eigenvalue 0.245762452276



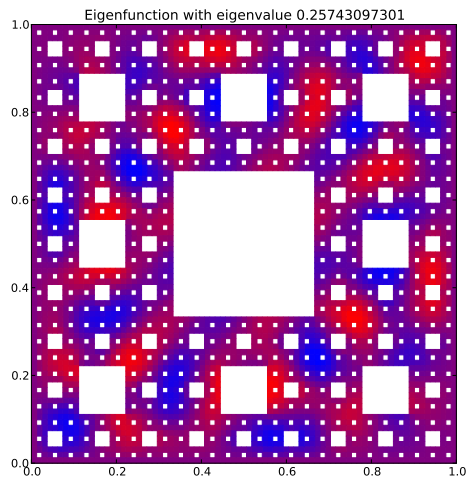
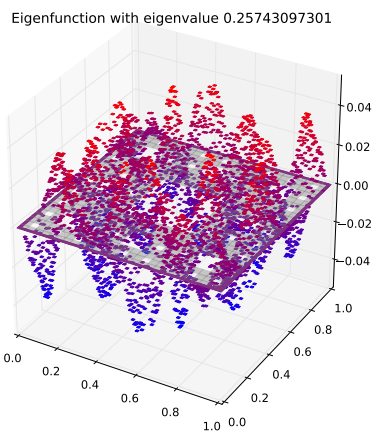
Eigenfunction 49 with eigenvalue 0.251494525748



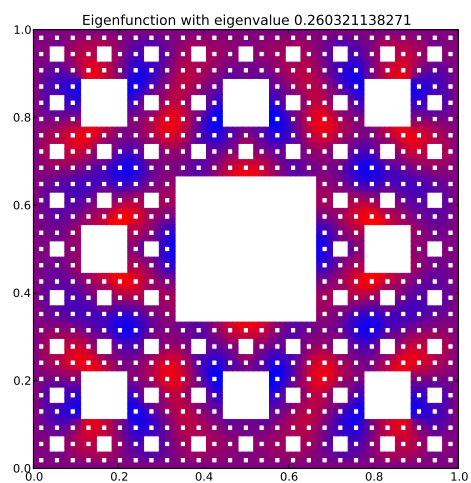
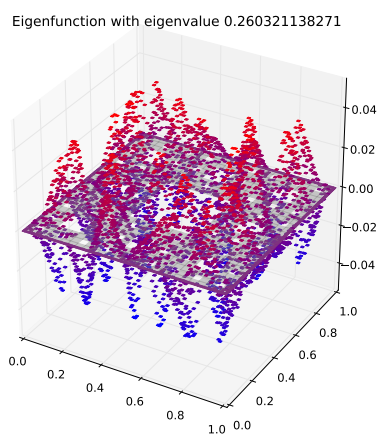
Eigenfunction 50 with eigenvalue 0.25743097301



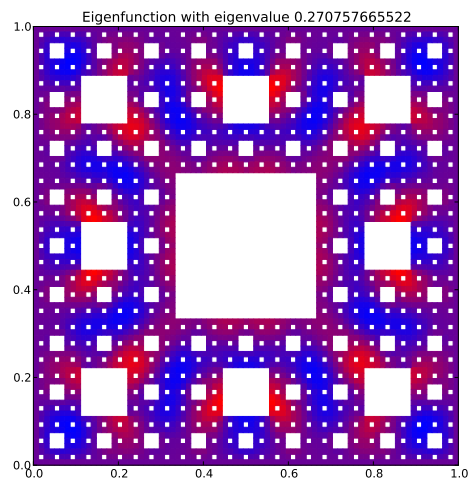
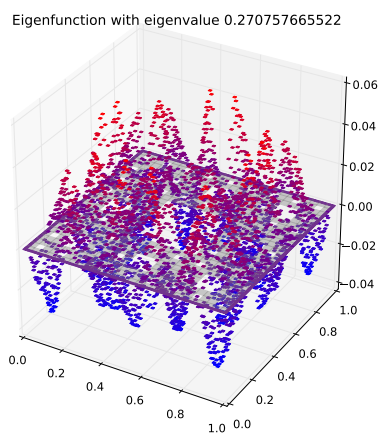
Eigenfunction 51 with eigenvalue 0.25743097301



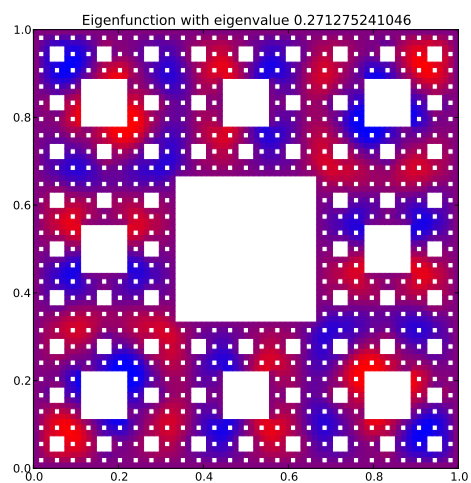
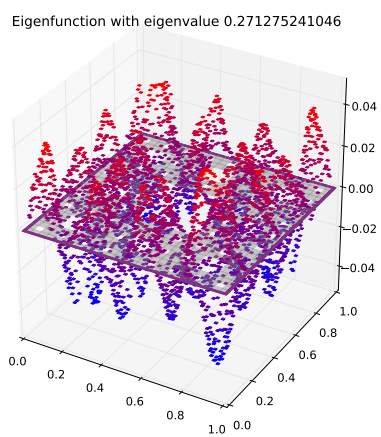
Eigenfunction 52 with eigenvalue 0.260321138271



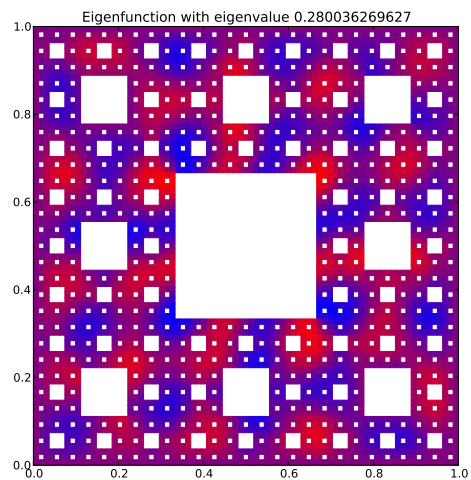
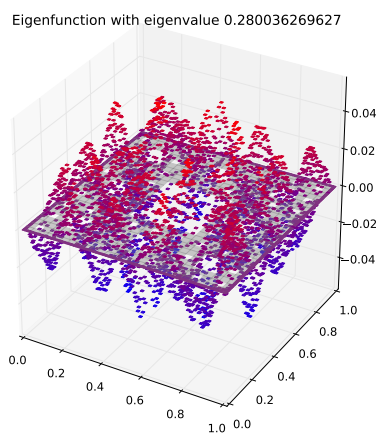
Eigenfunction 53 with eigenvalue 0.270757665522



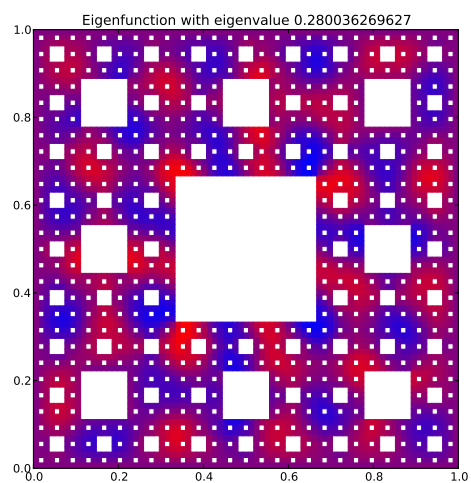
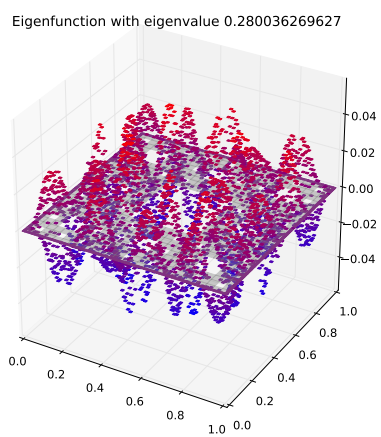
Eigenfunction 54 with eigenvalue 0.271275241046



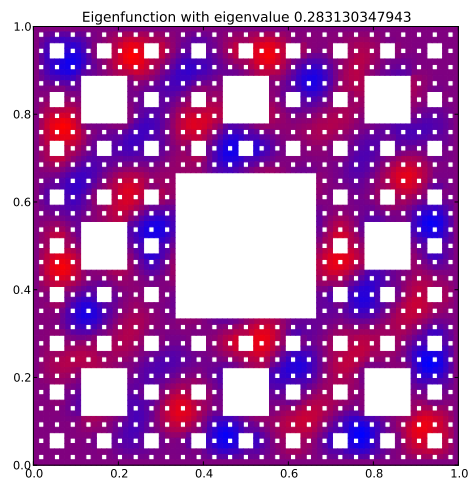
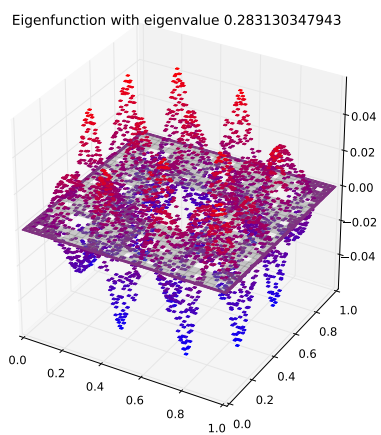
Eigenfunction 55 with eigenvalue 0.280036269627



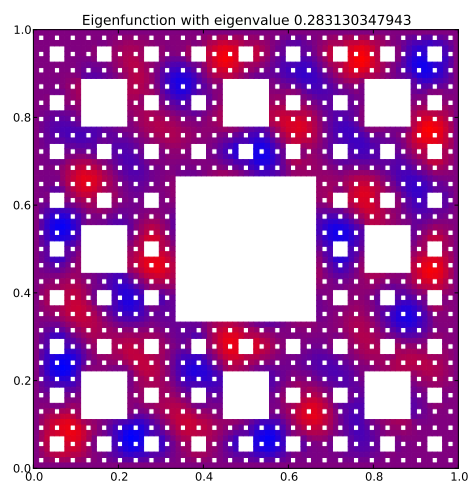
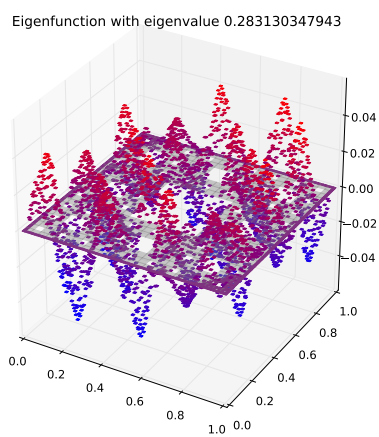
Eigenfunction 56 with eigenvalue 0.280036269627



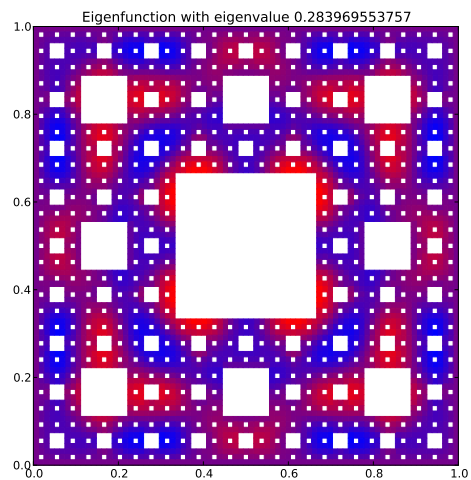
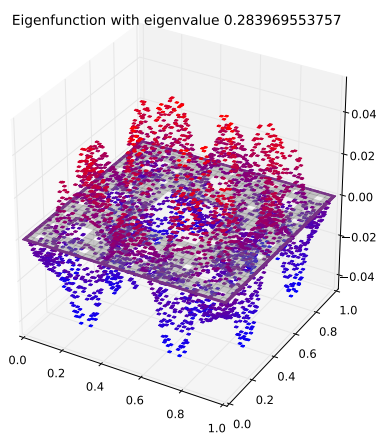
Eigenfunction 57 with eigenvalue 0.283130347943



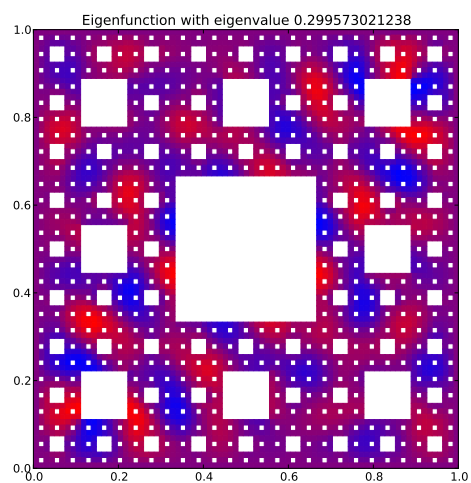
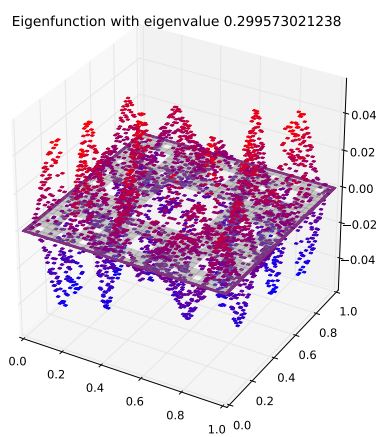
Eigenfunction 58 with eigenvalue 0.283130347943



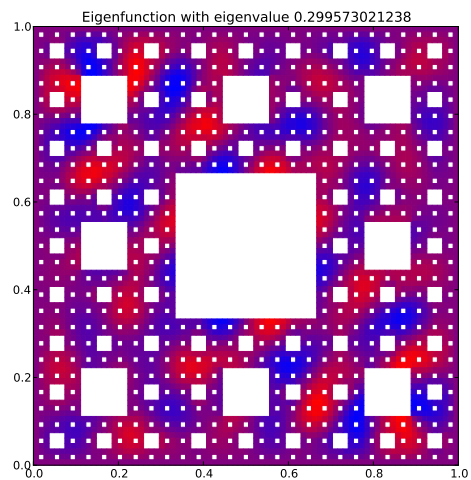
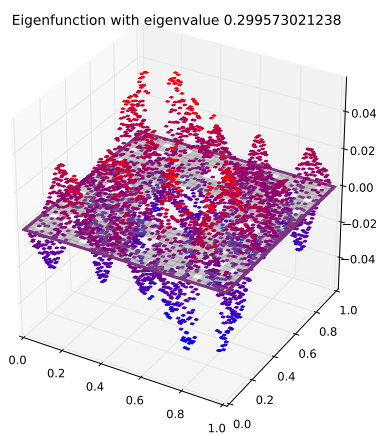
Eigenfunction 59 with eigenvalue 0.283969553757



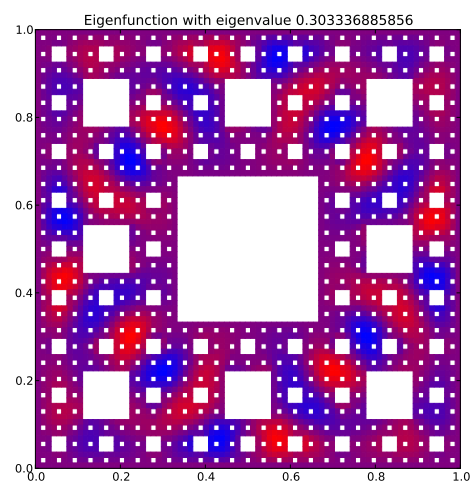
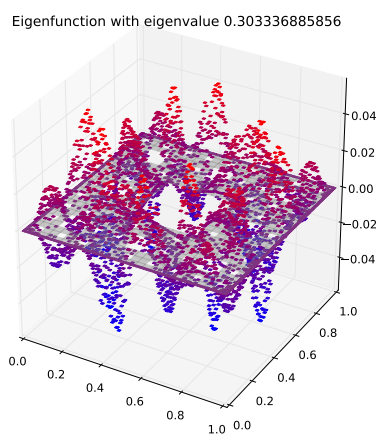
Eigenfunction 60 with eigenvalue 0.299573021238



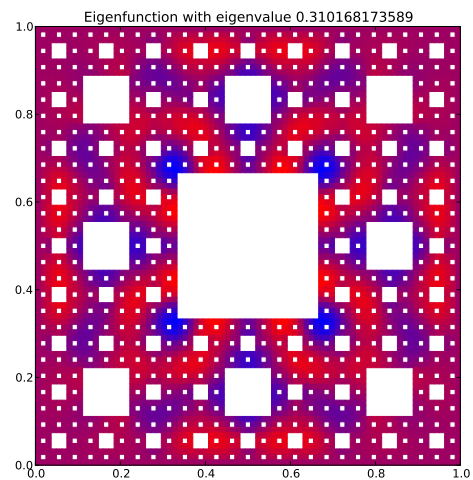
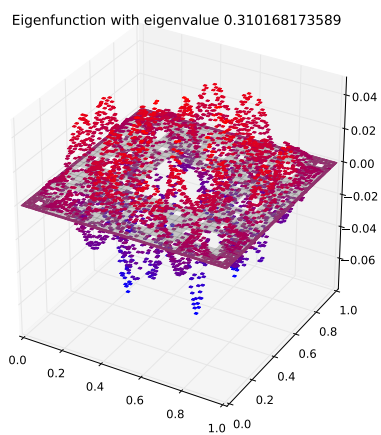
Eigenfunction 61 with eigenvalue 0.299573021238



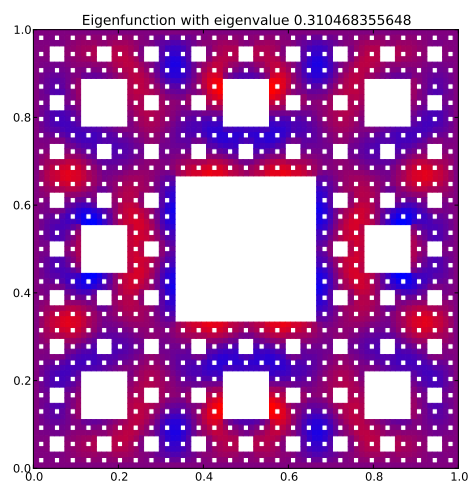
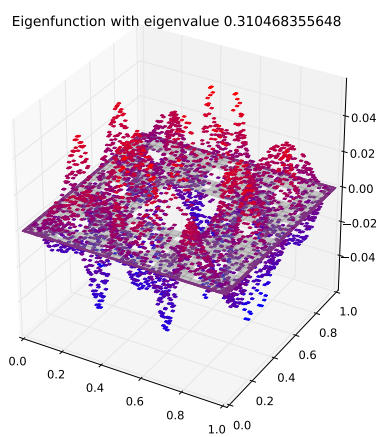
Eigenfunction 62 with eigenvalue 0.303336885856



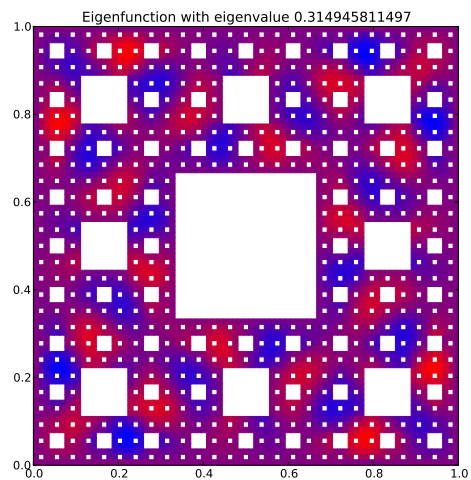
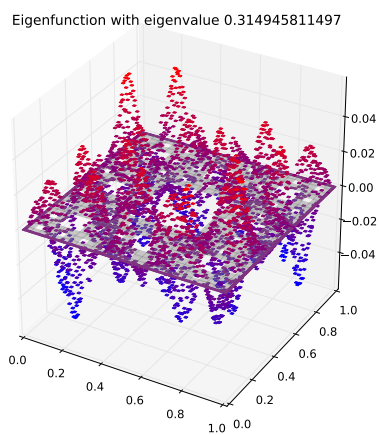
Eigenfunction 63 with eigenvalue 0.310168173589



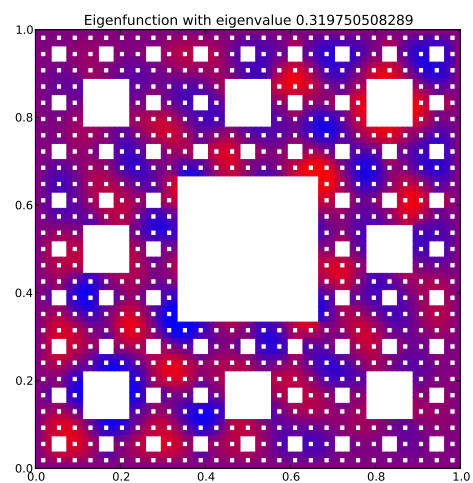
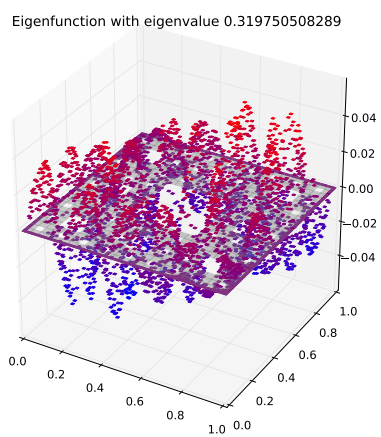
Eigenfunction 64 with eigenvalue 0.310468355648



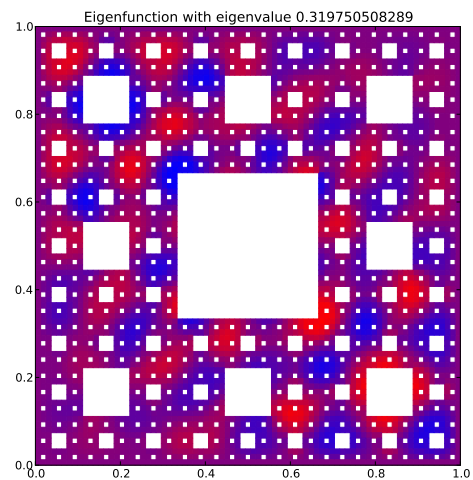
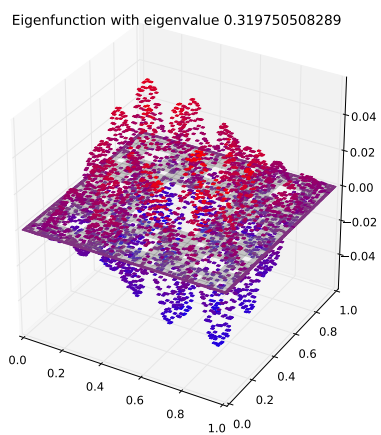
Eigenfunction 65 with eigenvalue 0.314945811497



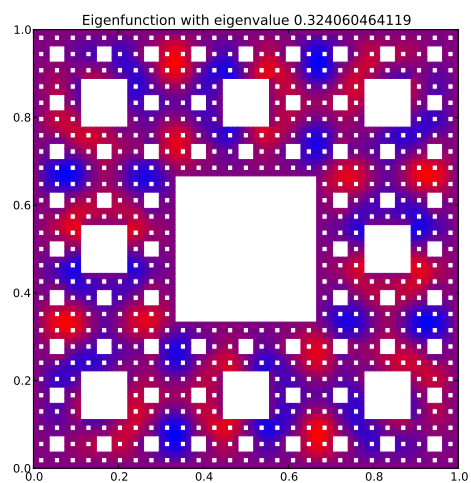
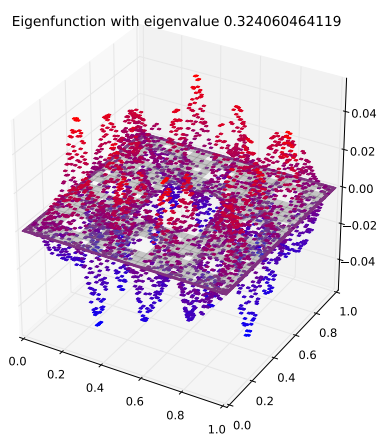
Eigenfunction 66 with eigenvalue 0.319750508289



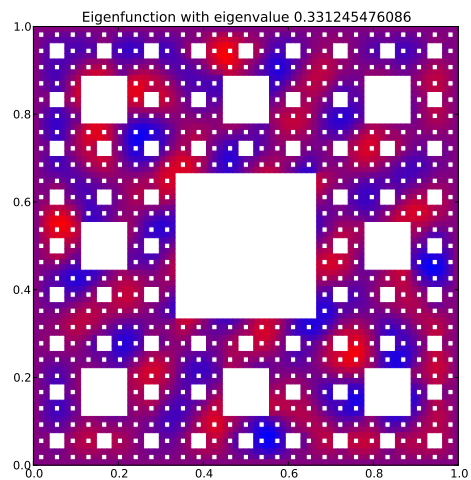
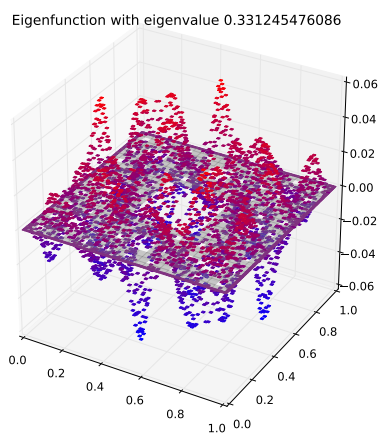
Eigenfunction 67 with eigenvalue 0.319750508289



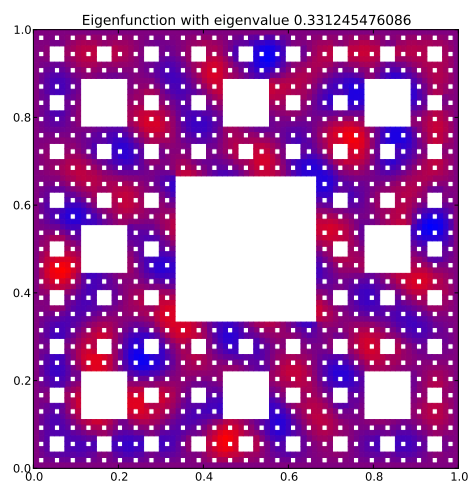
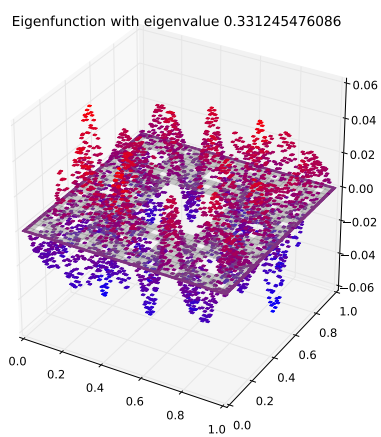
Eigenfunction 68 with eigenvalue 0.324060464119



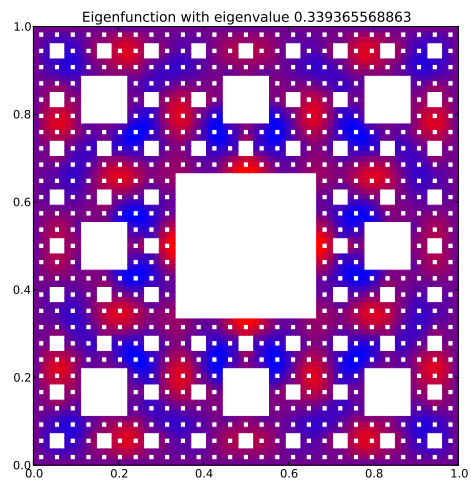
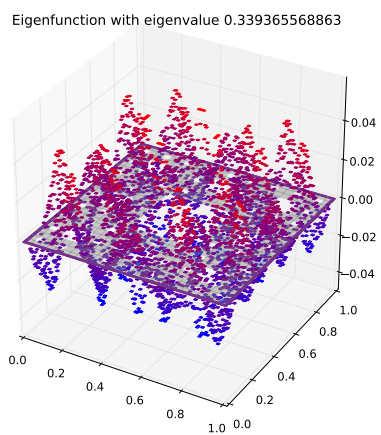
Eigenfunction 69 with eigenvalue 0.331245476086



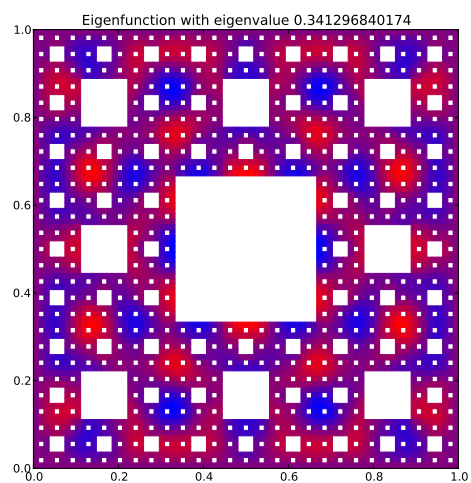
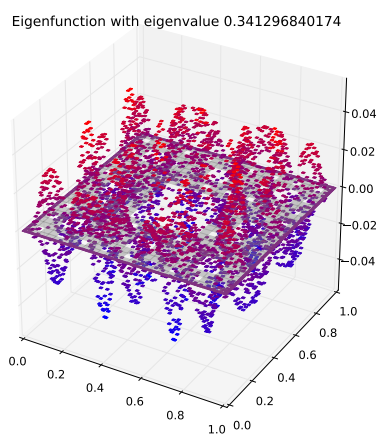
Eigenfunction 70 with eigenvalue 0.331245476086



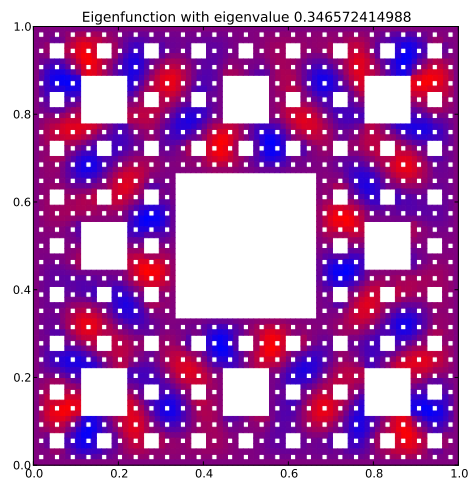
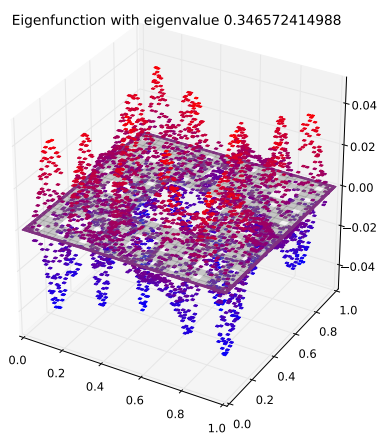
Eigenfunction 71 with eigenvalue 0.339365568863



Eigenfunction 72 with eigenvalue 0.341296840174

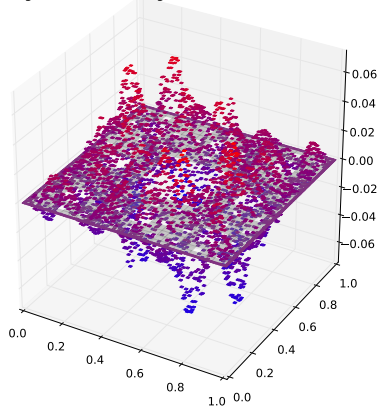


Eigenfunction 73 with eigenvalue 0.346572414988

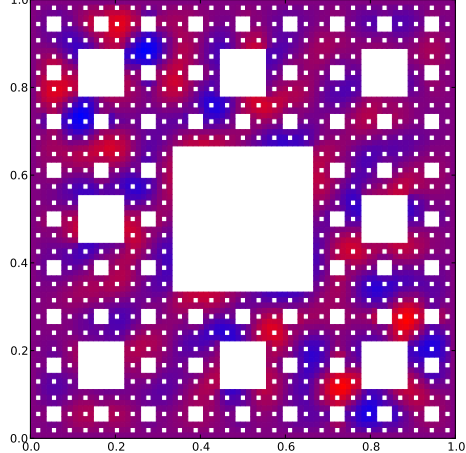


Eigenfunction 74 with eigenvalue 0.360678510889

Eigenfunction with eigenvalue 0.360678510889

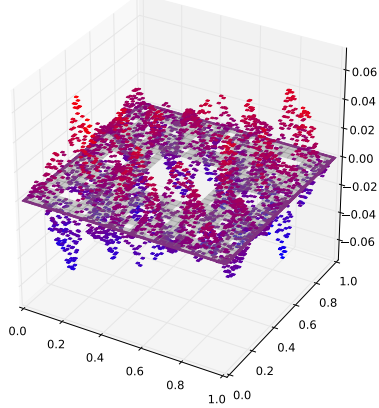


Eigenfunction with eigenvalue 0.360678510889

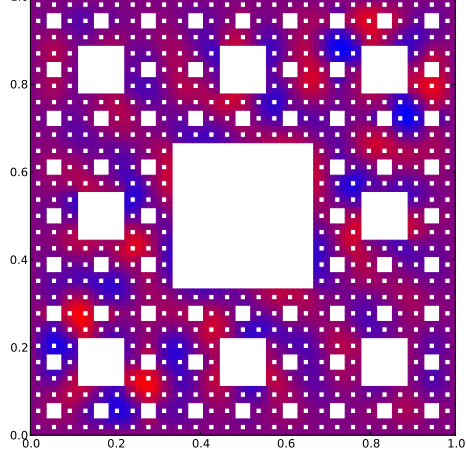


Eigenfunction 75 with eigenvalue 0.360678510889

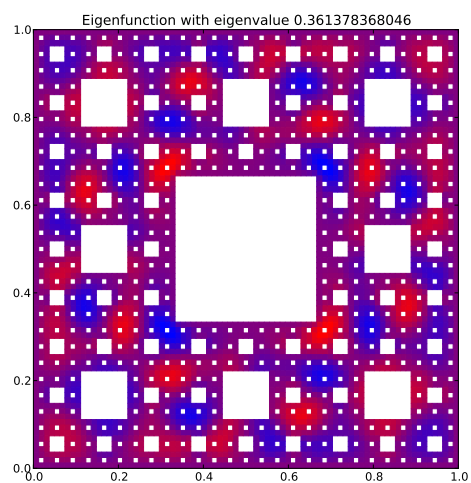
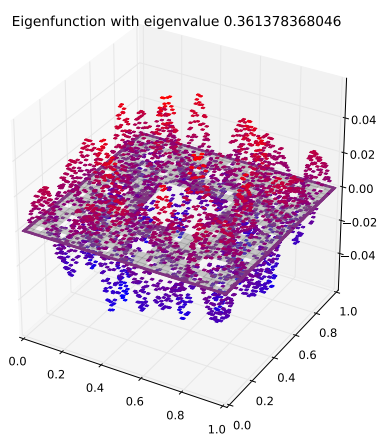
Eigenfunction with eigenvalue 0.360678510889



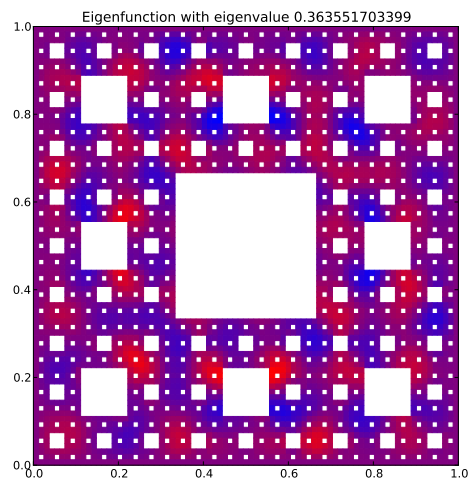
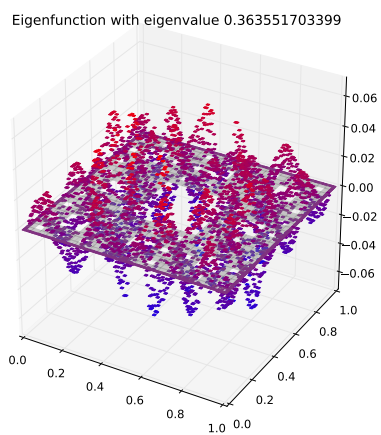
Eigenfunction with eigenvalue 0.360678510889



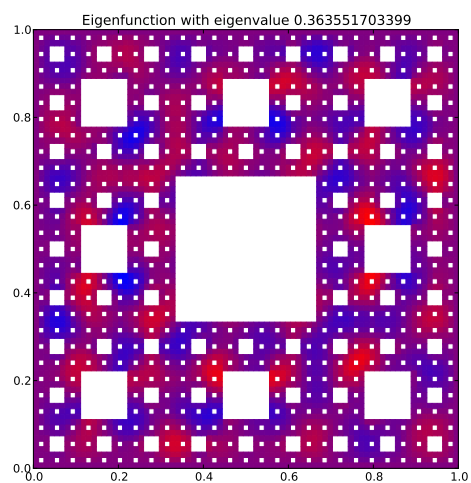
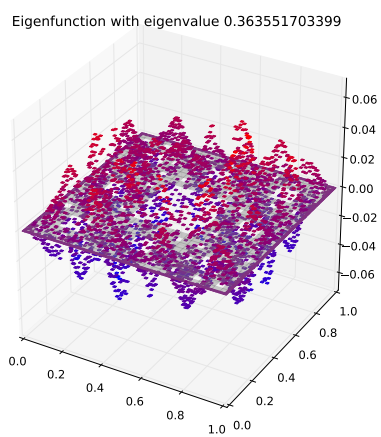
Eigenfunction 76 with eigenvalue 0.361378368046



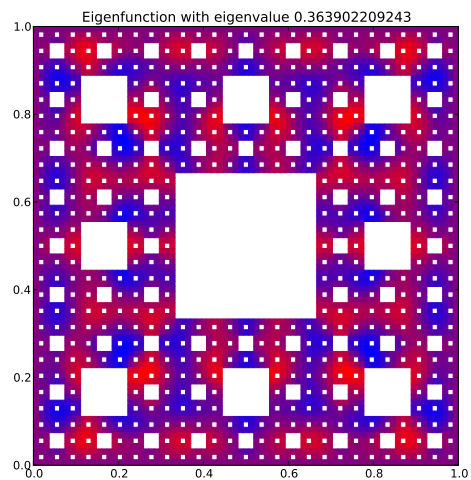
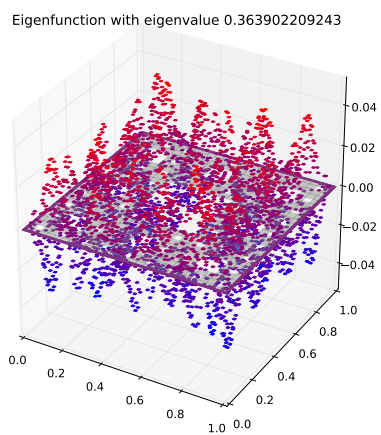
Eigenfunction 77 with eigenvalue 0.363551703399



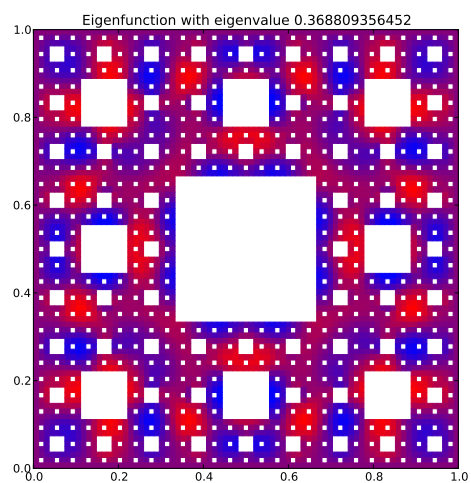
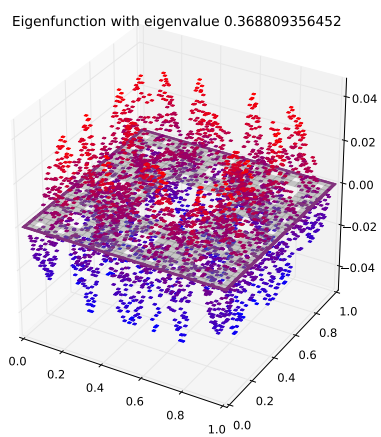
Eigenfunction 78 with eigenvalue 0.363551703399



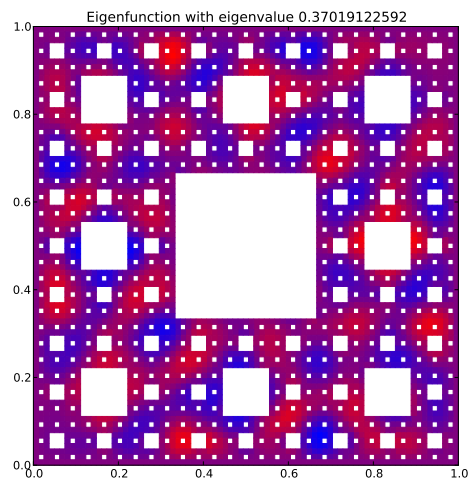
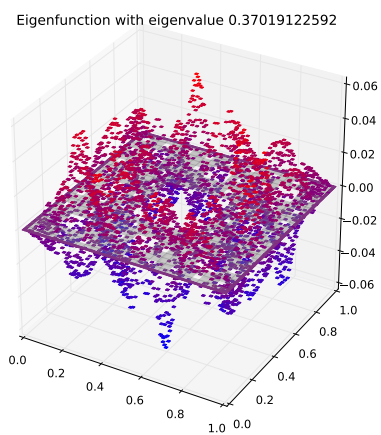
Eigenfunction 79 with eigenvalue 0.363902209243



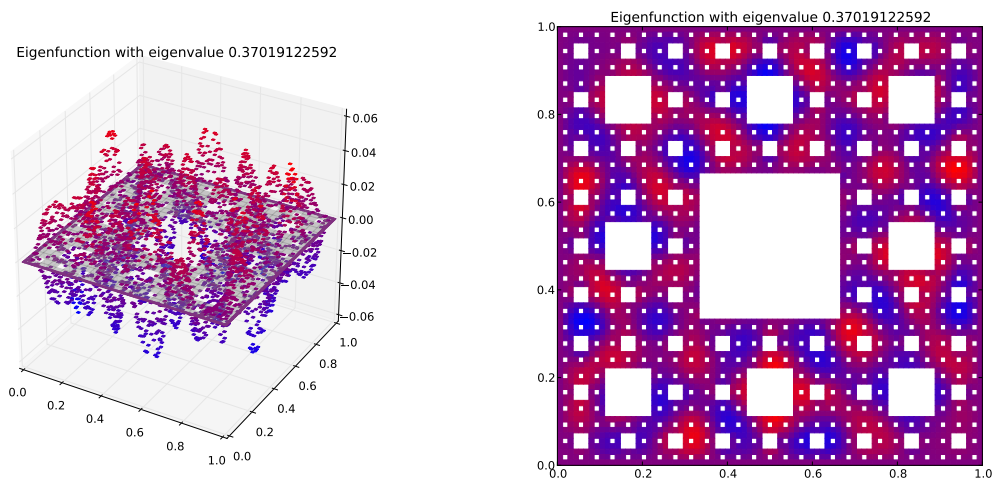
Eigenfunction 80 with eigenvalue 0.368809356452



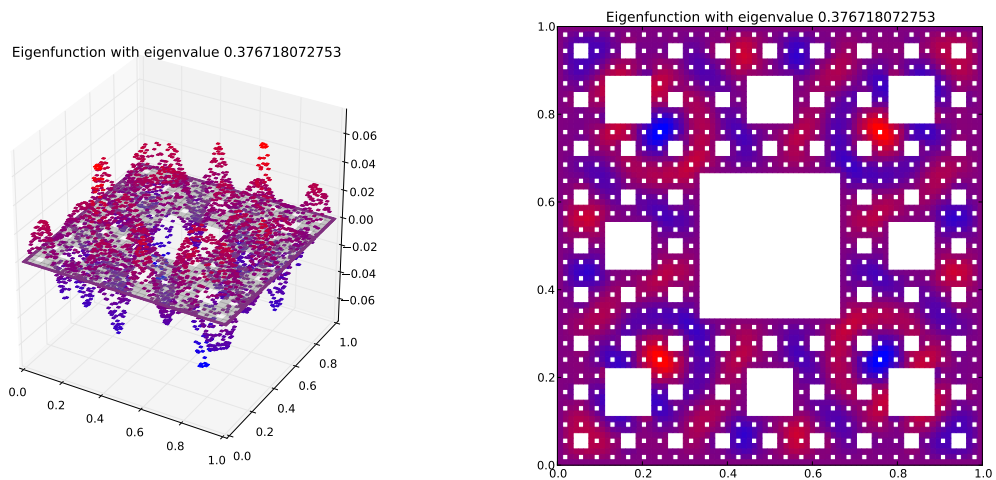
Eigenfunction 81 with eigenvalue 0.37019122592



Eigenfunction 82 with eigenvalue 0.37019122592

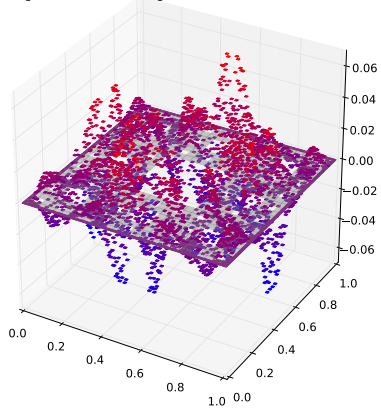


Eigenfunction 83 with eigenvalue 0.376718072753

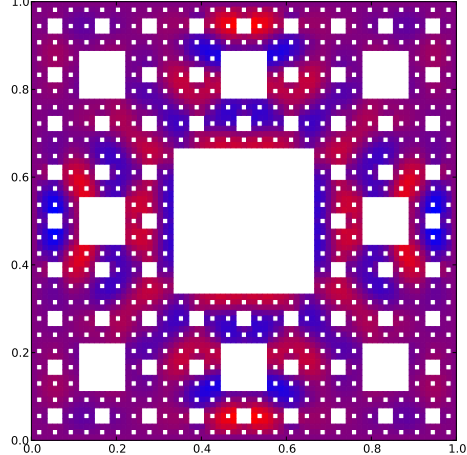


Eigenfunction 84 with eigenvalue 0.379167854833

Eigenfunction with eigenvalue 0.379167854833

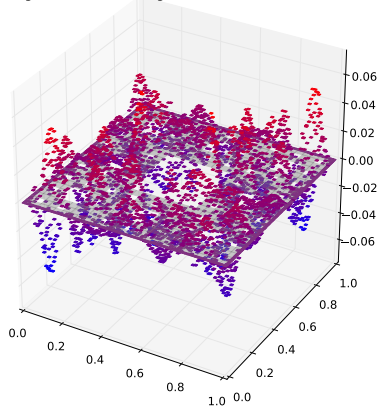


Eigenfunction with eigenvalue 0.379167854833

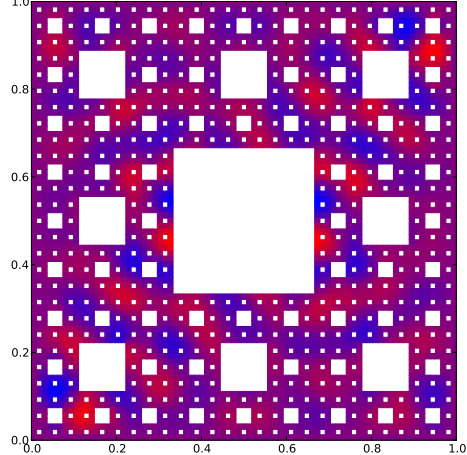


Eigenfunction 85 with eigenvalue 0.392655786885

Eigenfunction with eigenvalue 0.392655786885

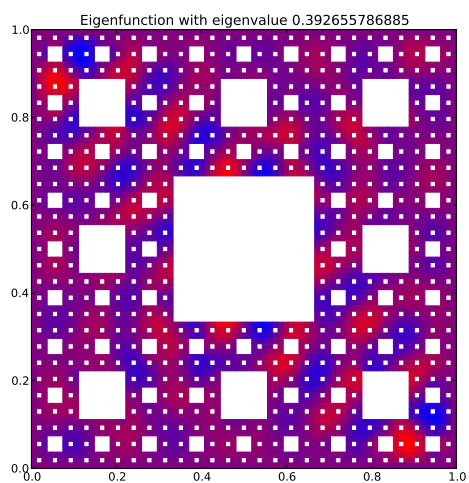
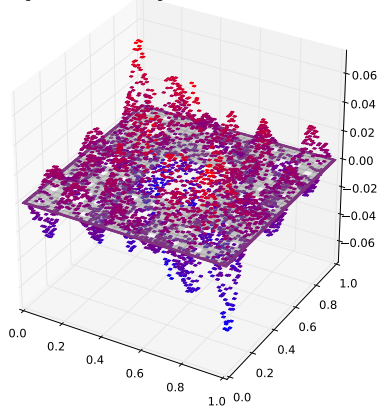


Eigenfunction with eigenvalue 0.392655786885



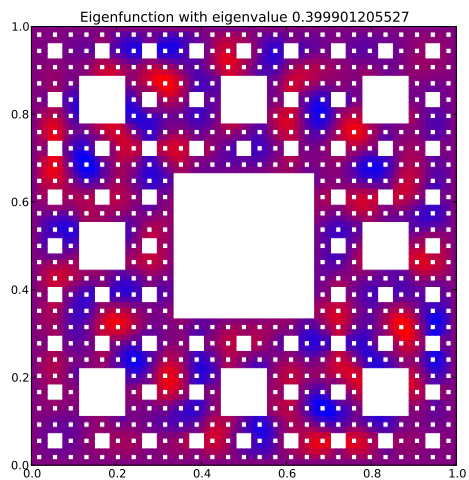
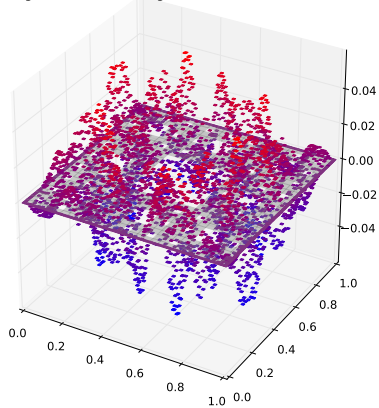
Eigenfunction 86 with eigenvalue 0.392655786885

Eigenfunction with eigenvalue 0.392655786885

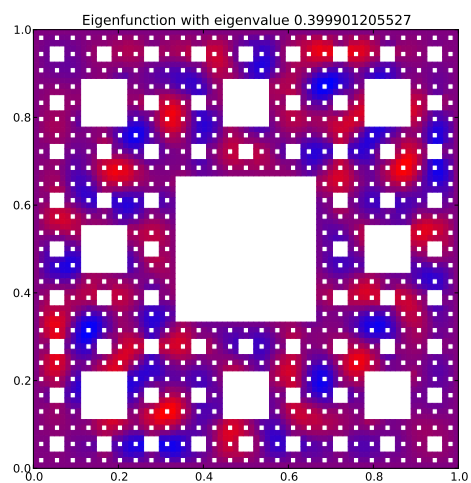
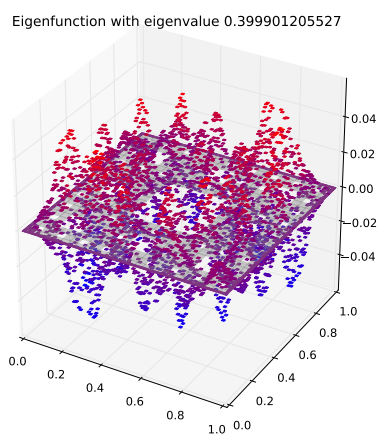


Eigenfunction 87 with eigenvalue 0.399901205527

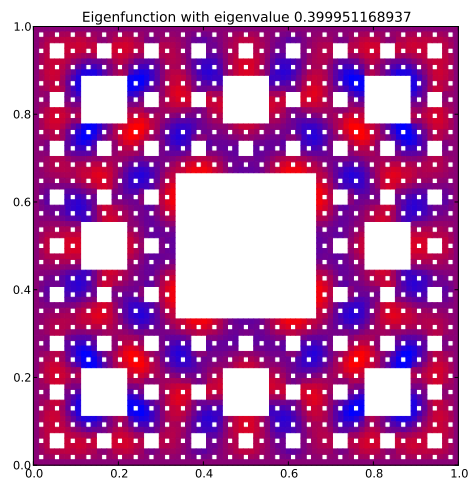
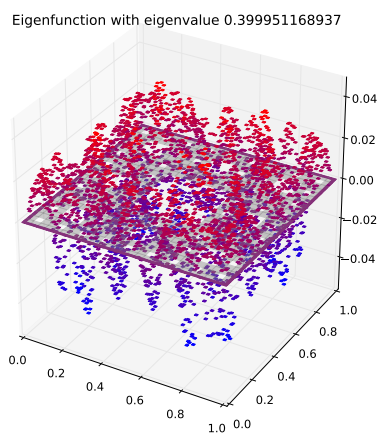
Eigenfunction with eigenvalue 0.399901205527



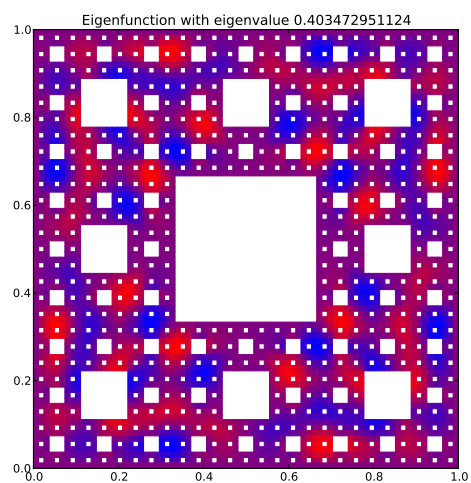
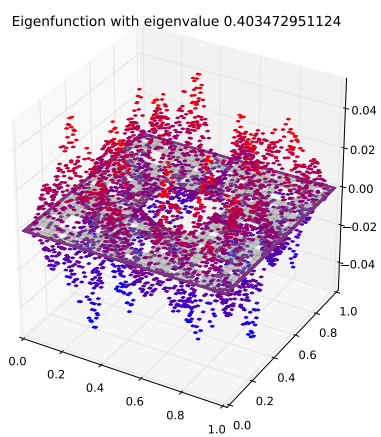
Eigenfunction 88 with eigenvalue 0.399901205527



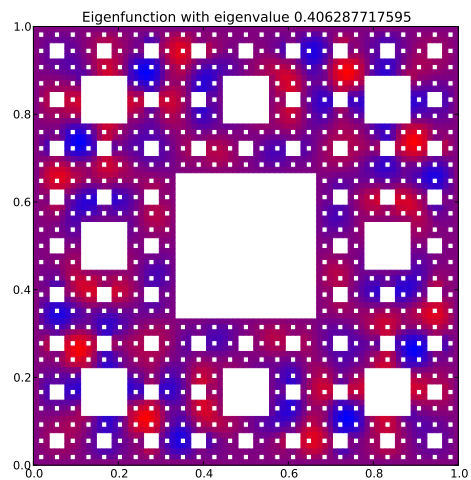
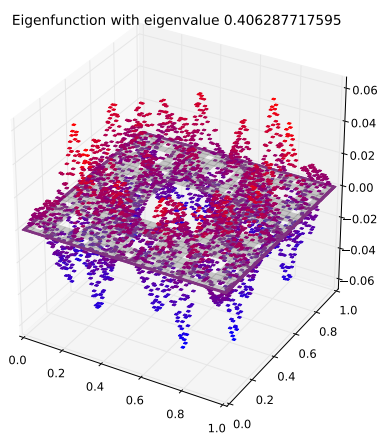
Eigenfunction 89 with eigenvalue 0.399951168937



Eigenfunction 90 with eigenvalue 0.403472951124

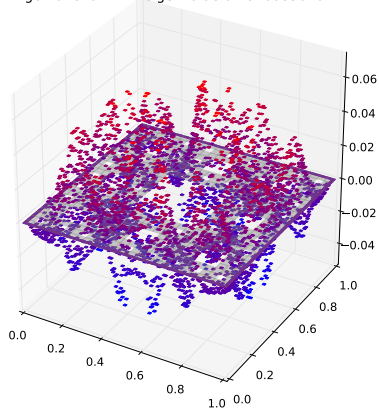


Eigenfunction 91 with eigenvalue 0.406287717595

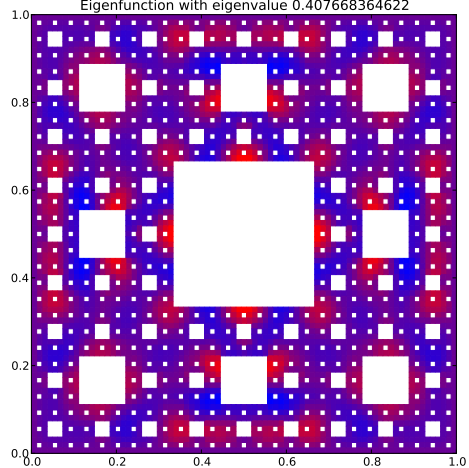


Eigenfunction 92 with eigenvalue 0.407668364622

Eigenfunction with eigenvalue 0.407668364622

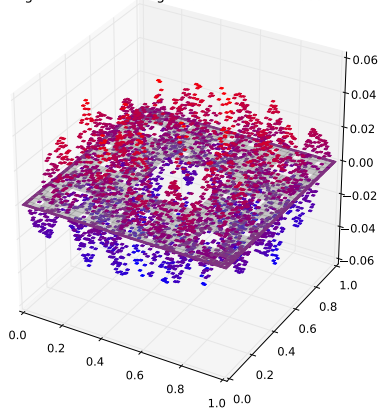


Eigenfunction with eigenvalue 0.407668364622

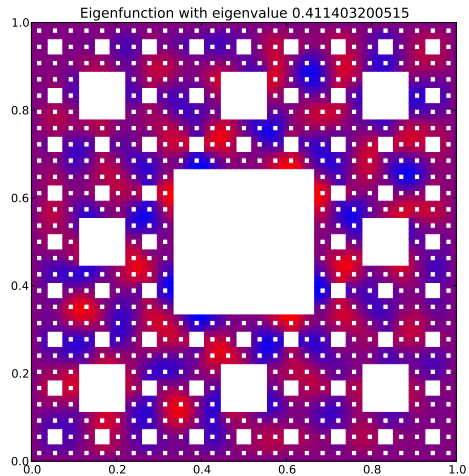


Eigenfunction 93 with eigenvalue 0.411403200515

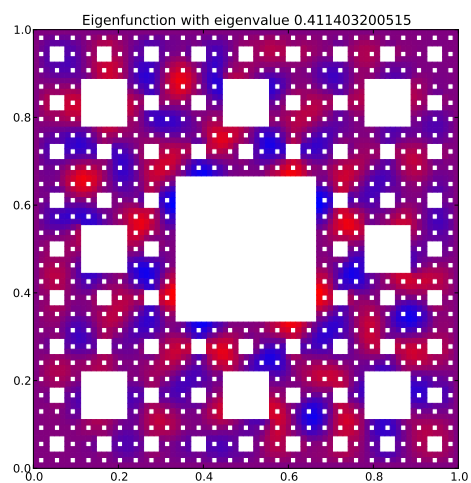
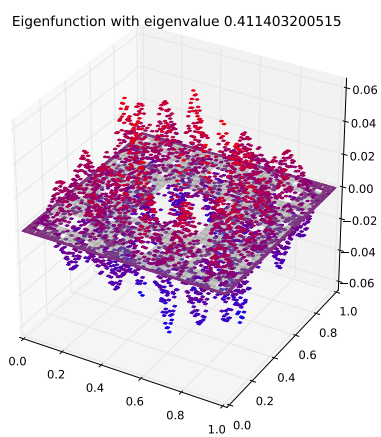
Eigenfunction with eigenvalue 0.411403200515



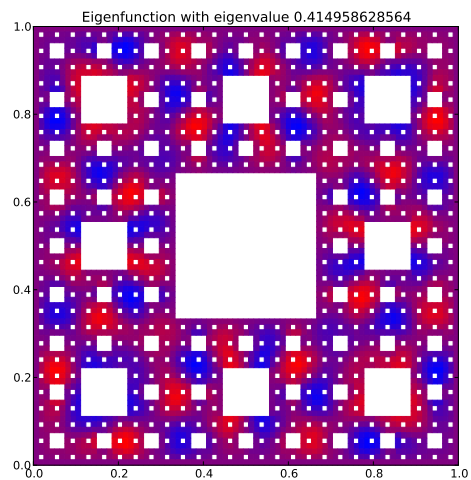
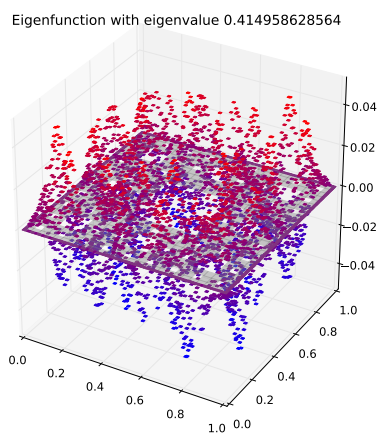
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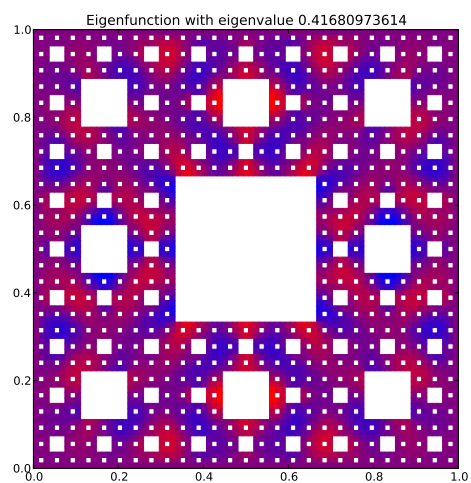
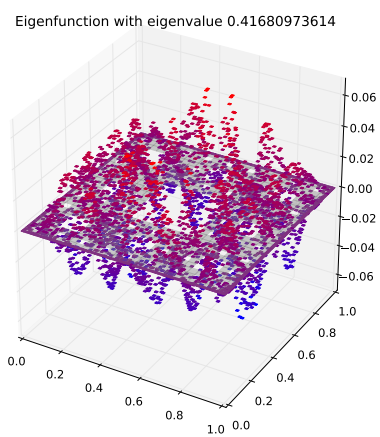
Eigenfunction 94 with eigenvalue 0.411403200515



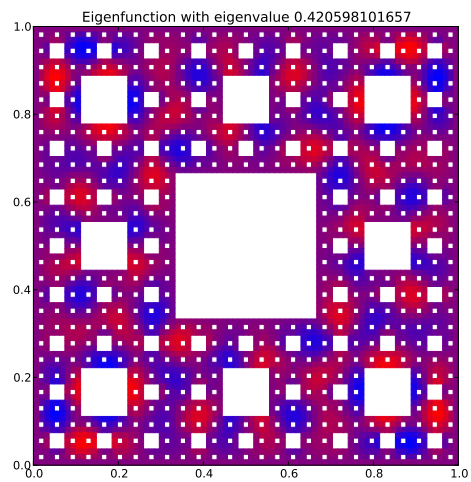
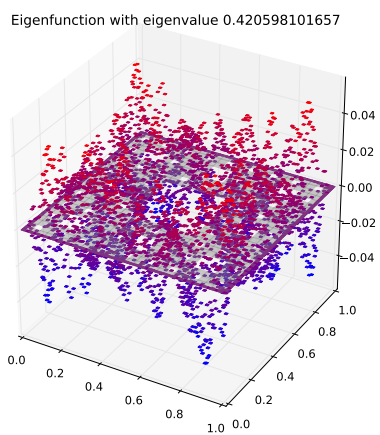
Eigenfunction 95 with eigenvalue 0.414958628564



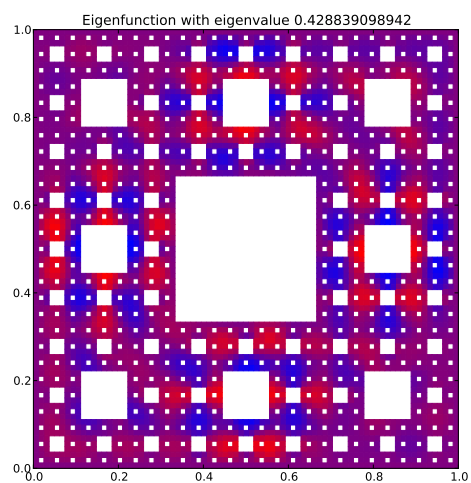
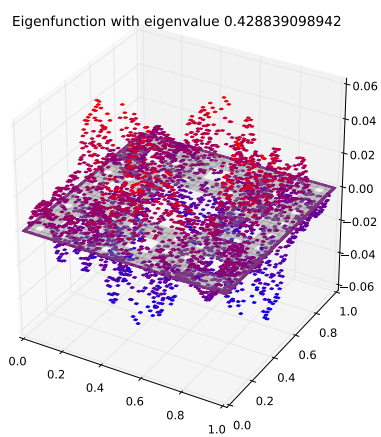
Eigenfunction 96 with eigenvalue 0.41680973614



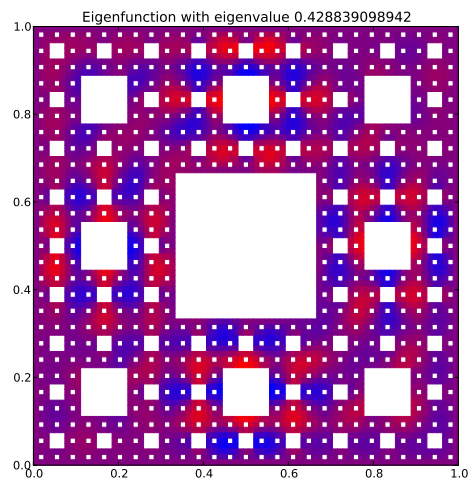
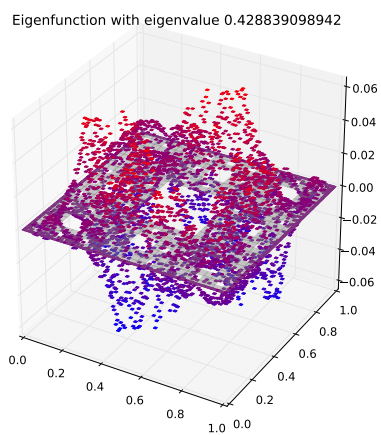
Eigenfunction 97 with eigenvalue 0.420598101657



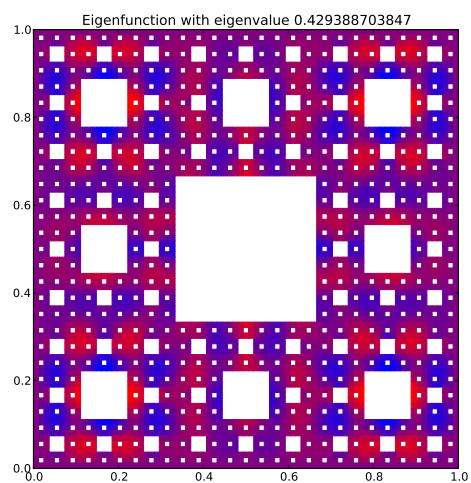
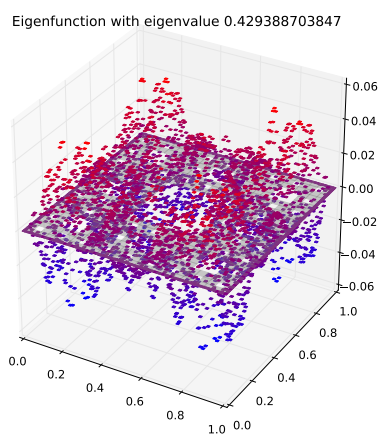
Eigenfunction 98 with eigenvalue 0.428839098942



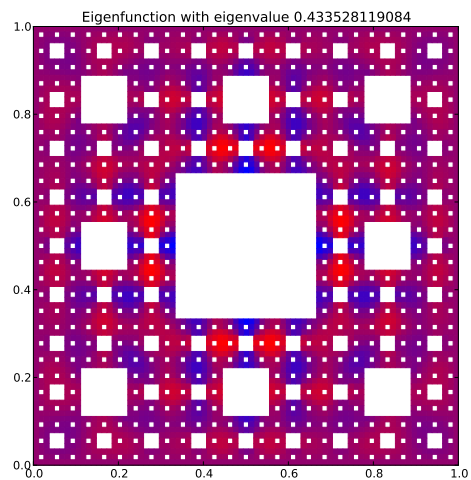
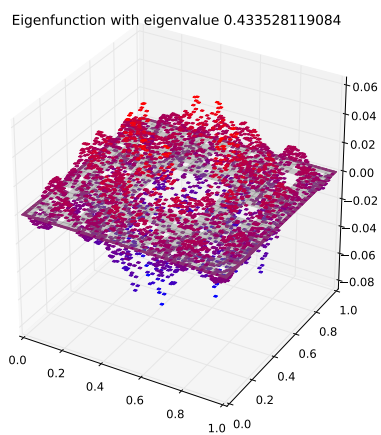
Eigenfunction 99 with eigenvalue 0.428839098942



Eigenfunction 100 with eigenvalue 0.429388703847

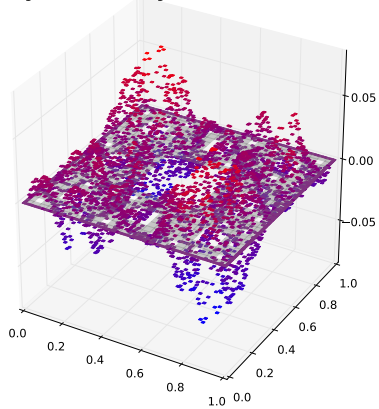


Eigenfunction 101 with eigenvalue 0.433528119084

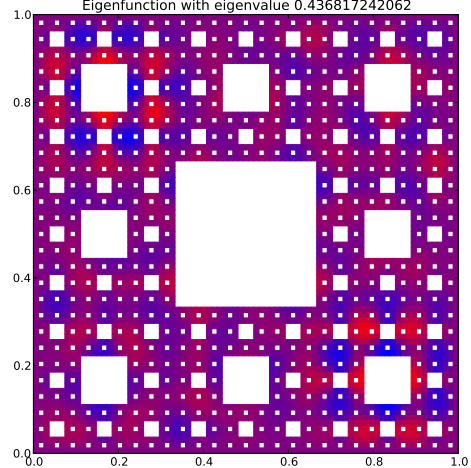


Eigenfunction 102 with eigenvalue 0.436817242062

Eigenfunction with eigenvalue 0.436817242062

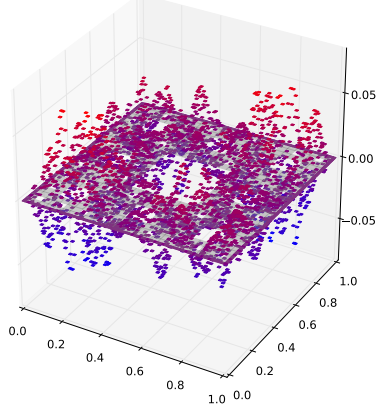


Eigenfunction with eigenvalue 0.436817242062

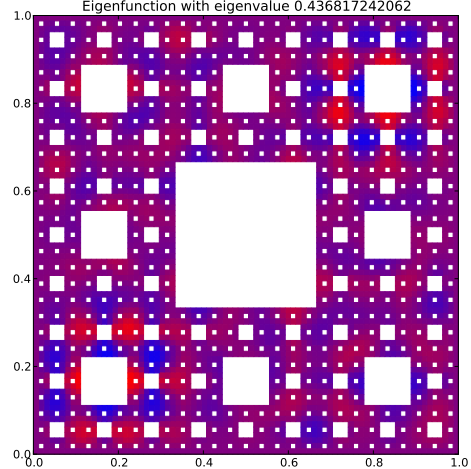


Eigenfunction 103 with eigenvalue 0.436817242062

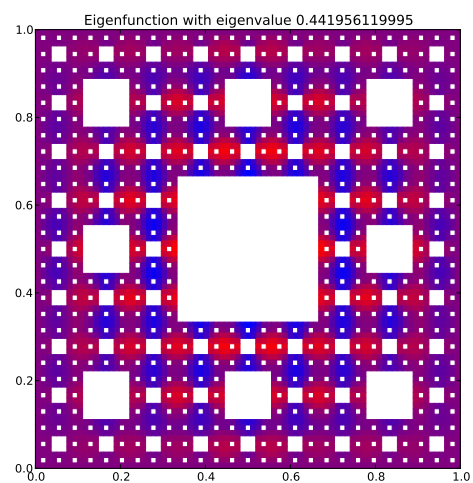
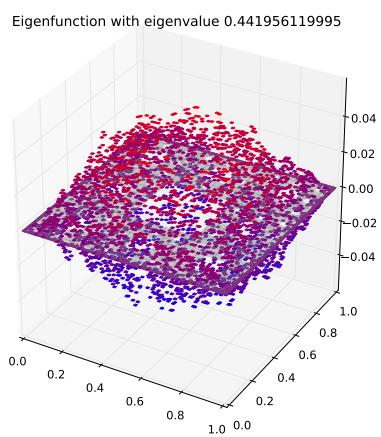
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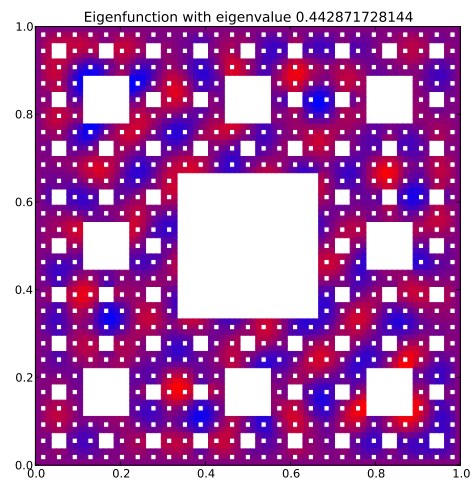
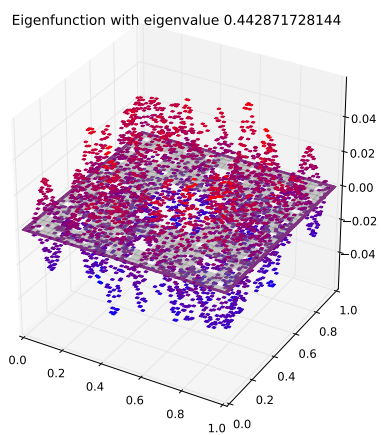
Eigenfunction with eigenvalue 0.436817242062



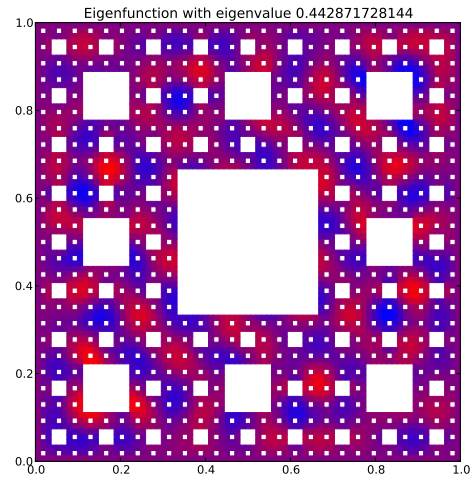
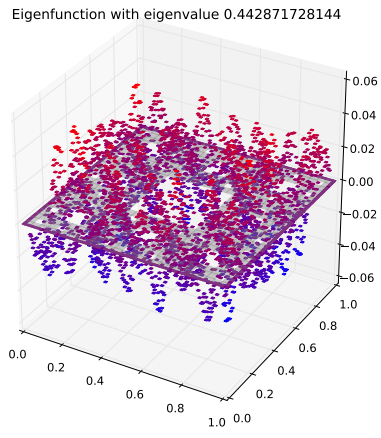
Eigenfunction 104 with eigenvalue 0.441956119995



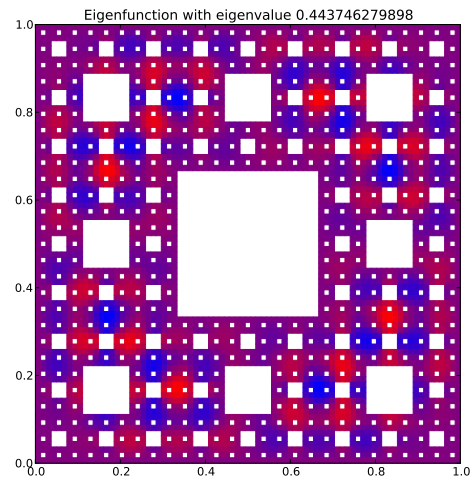
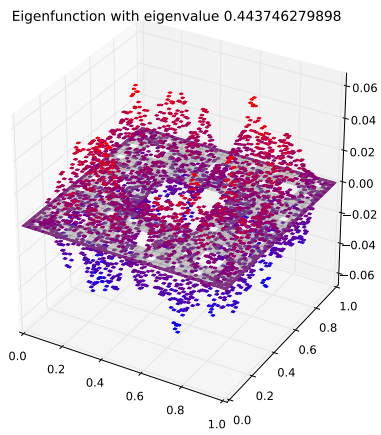
Eigenfunction 105 with eigenvalue 0.442871728144



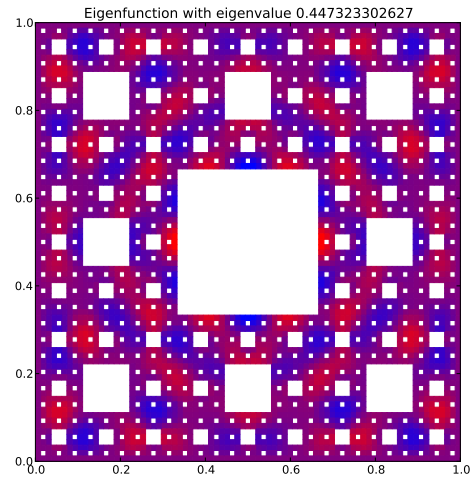
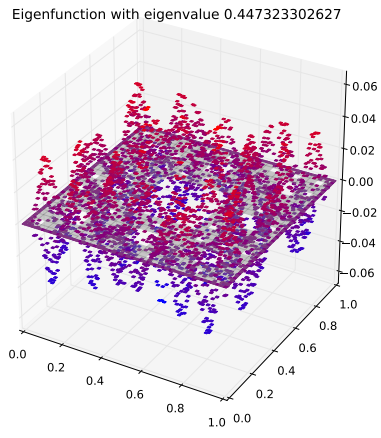
Eigenfunction 106 with eigenvalue 0.442871728144



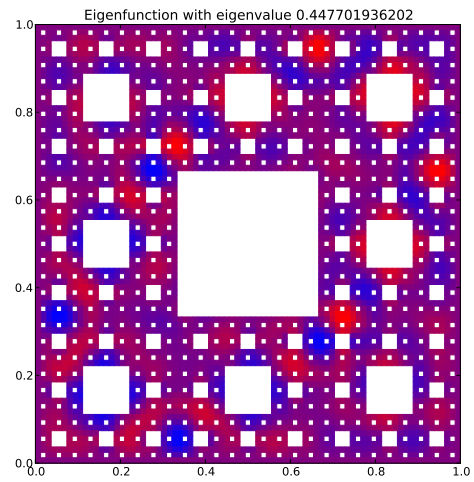
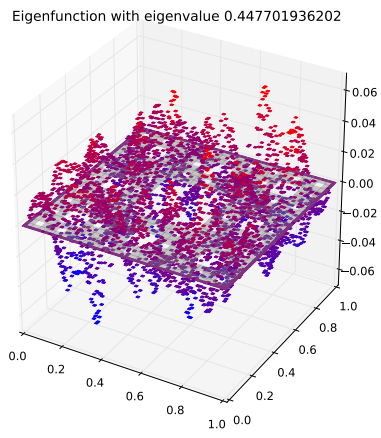
Eigenfunction 107 with eigenvalue 0.443746279898



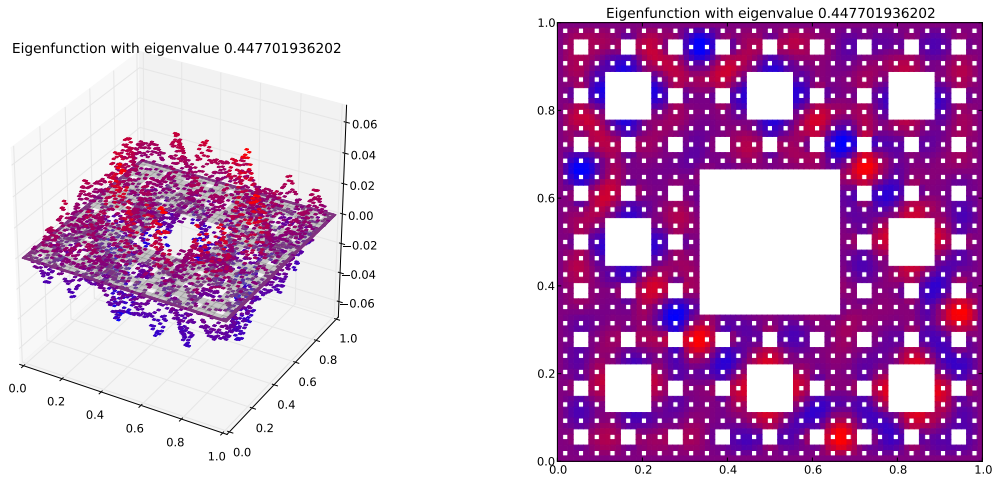
Eigenfunction 108 with eigenvalue 0.447323302627



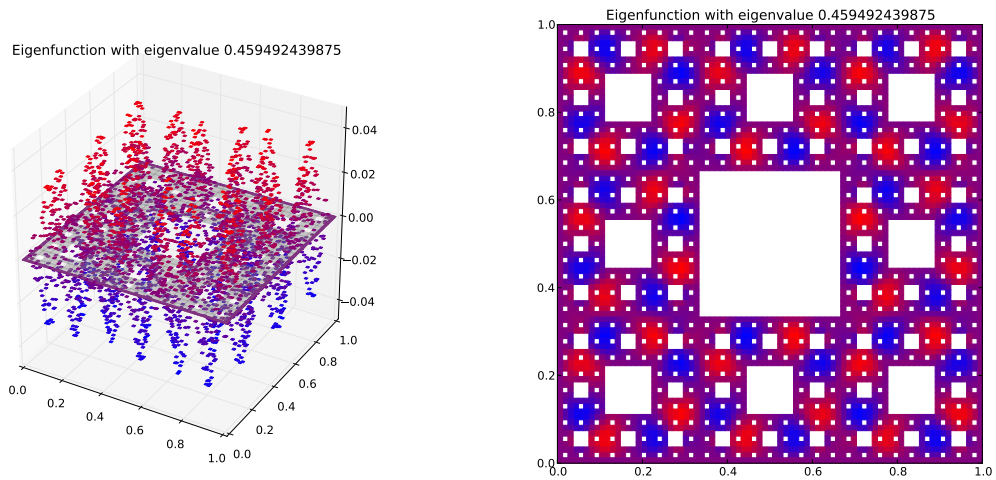
Eigenfunction 109 with eigenvalue 0.447701936202



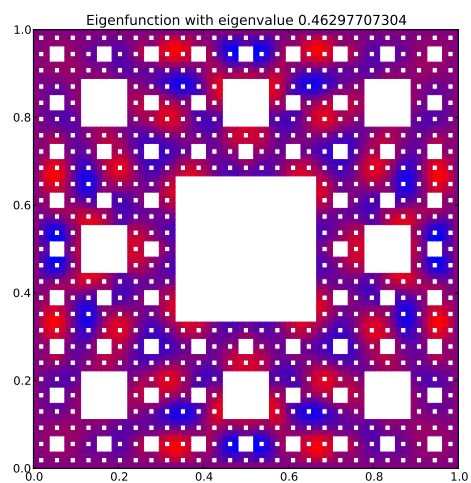
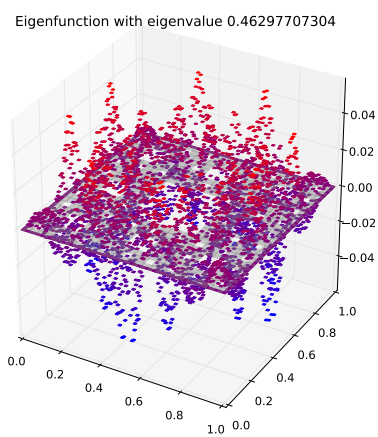
Eigenfunction 110 with eigenvalue 0.447701936202



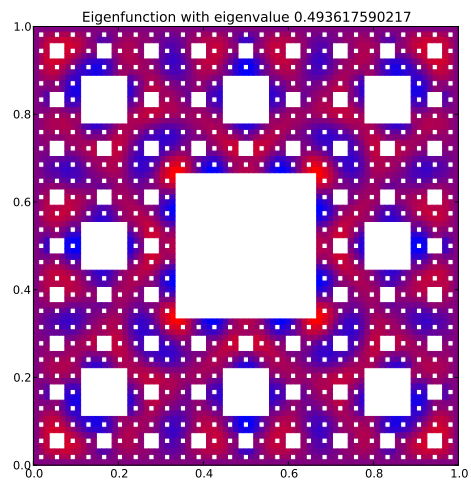
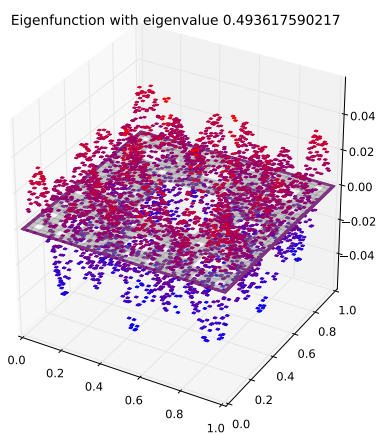
Eigenfunction 111 with eigenvalue 0.459492439875



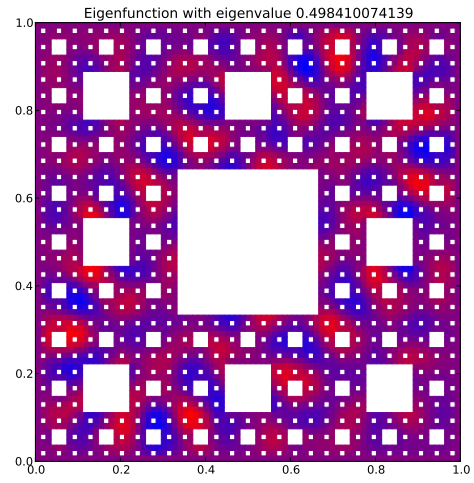
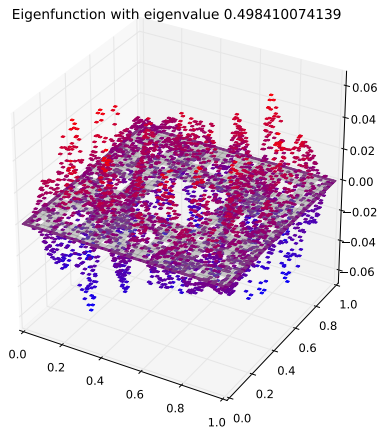
Eigenfunction 112 with eigenvalue 0.46297707304



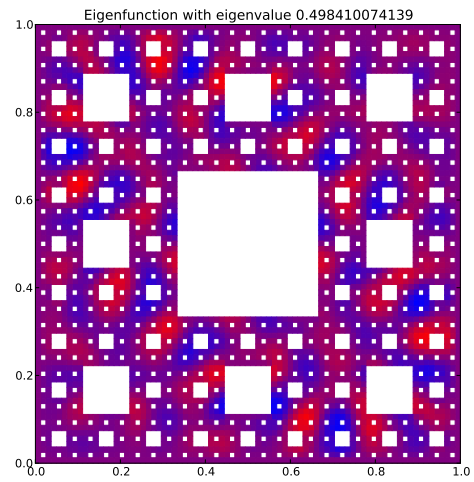
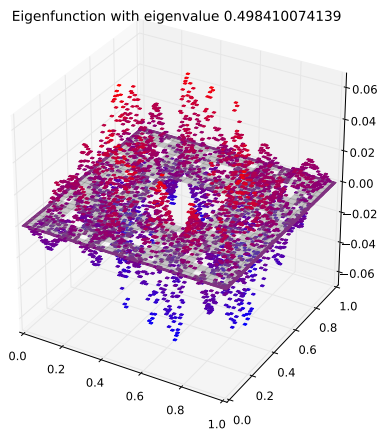
Eigenfunction 113 with eigenvalue 0.493617590217



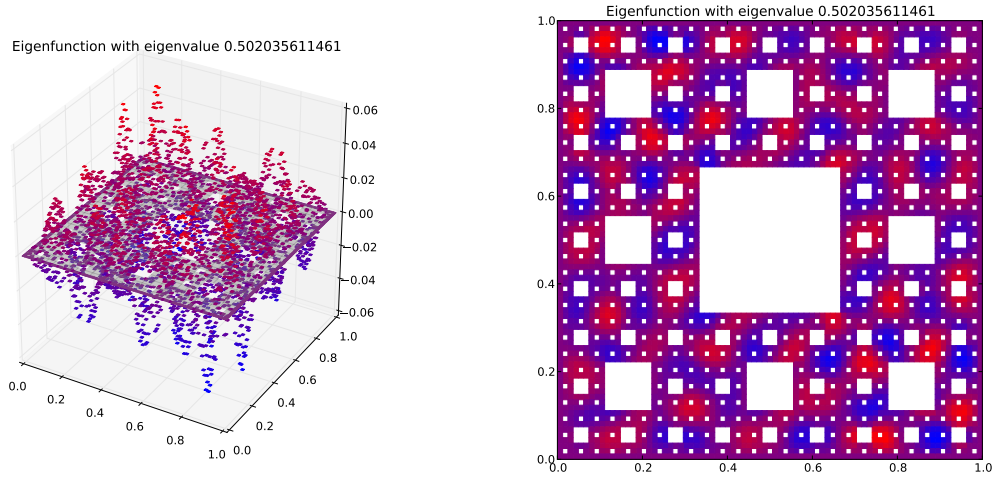
Eigenfunction 114 with eigenvalue 0.498410074139



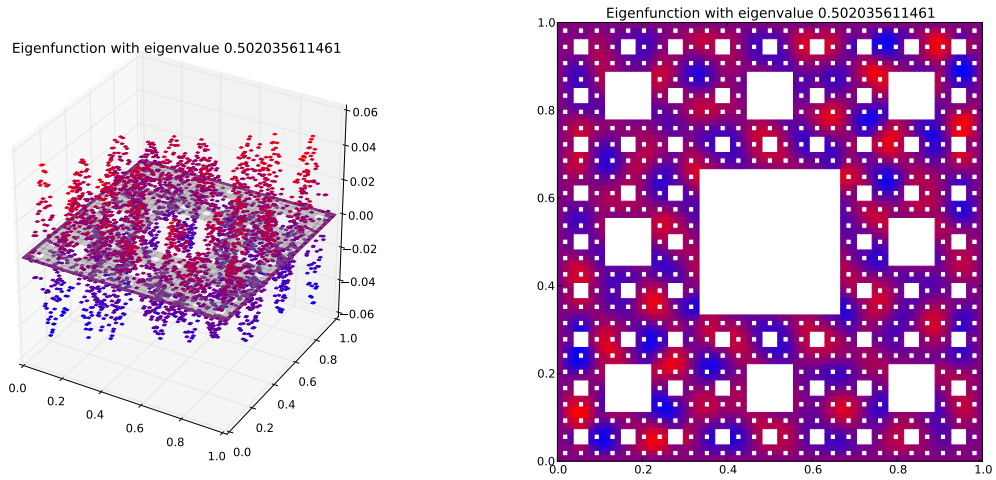
Eigenfunction 115 with eigenvalue 0.498410074139



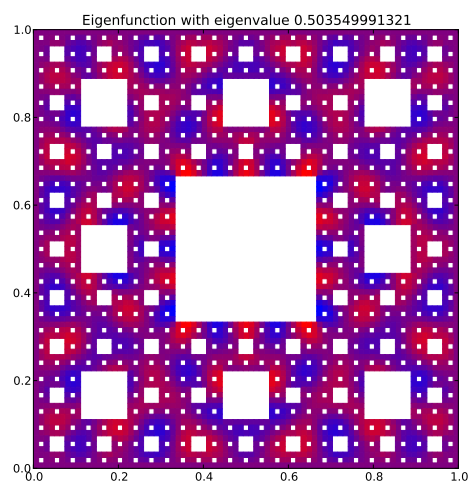
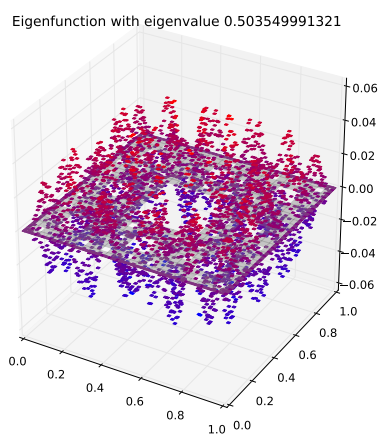
Eigenfunction 116 with eigenvalue 0.502035611461



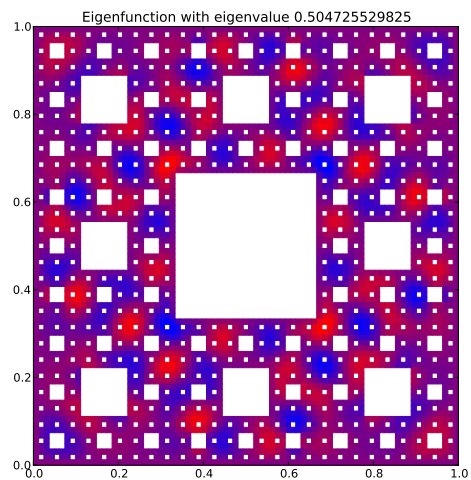
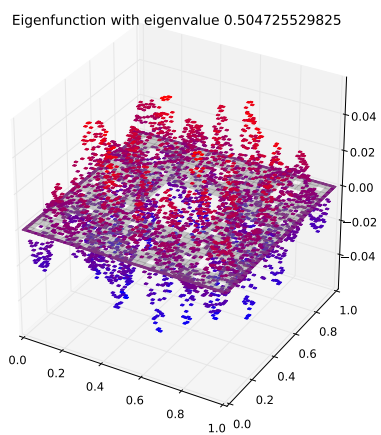
Eigenfunction 117 with eigenvalue 0.502035611461



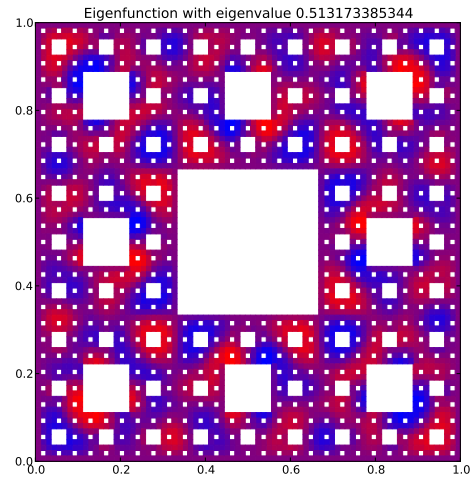
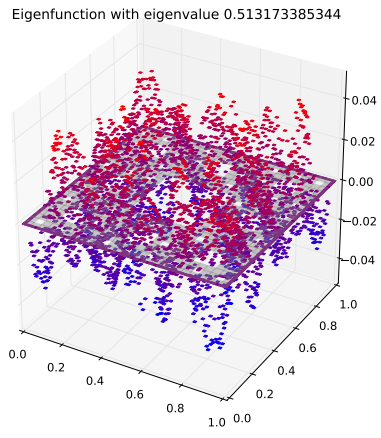
Eigenfunction 118 with eigenvalue 0.503549991321



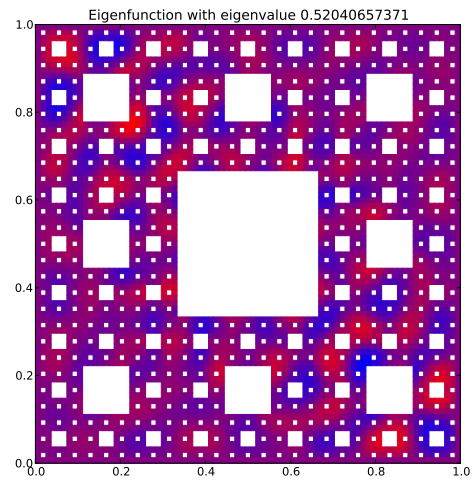
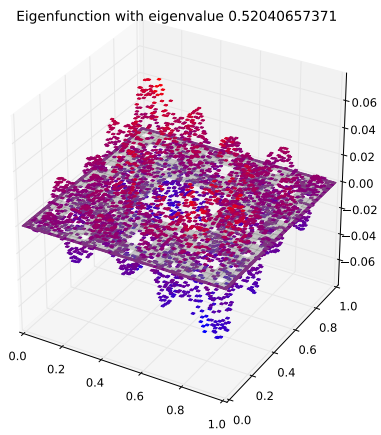
Eigenfunction 119 with eigenvalue 0.504725529825



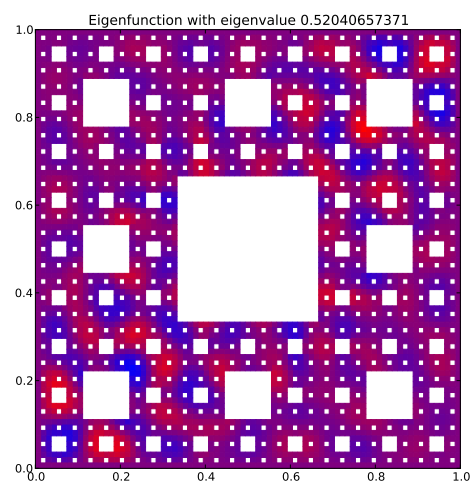
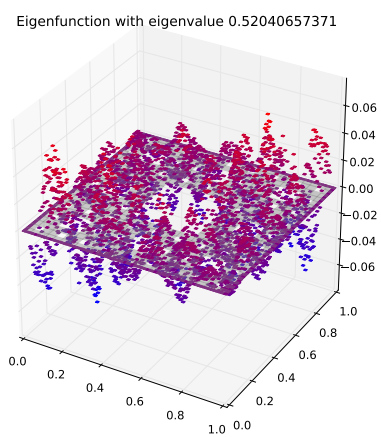
Eigenfunction 120 with eigenvalue 0.513173385344



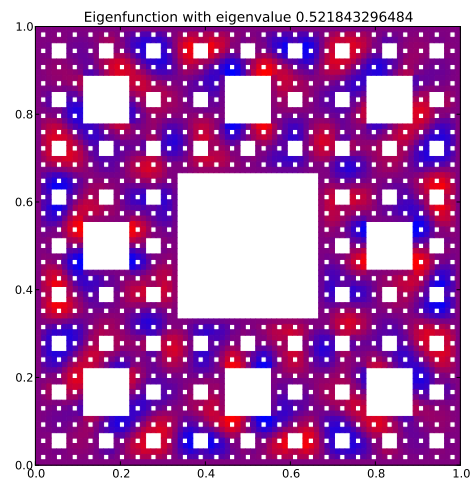
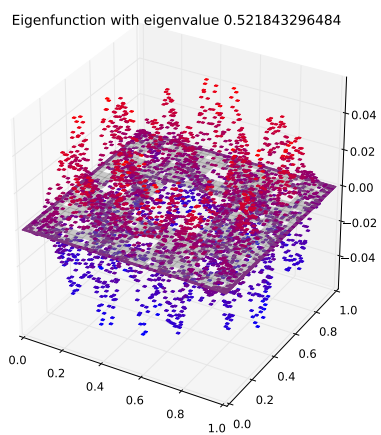
Eigenfunction 121 with eigenvalue 0.52040657371



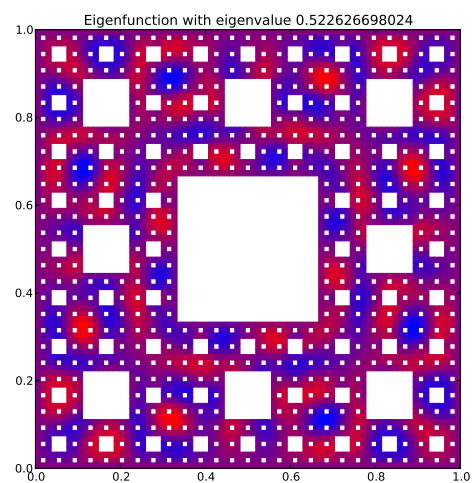
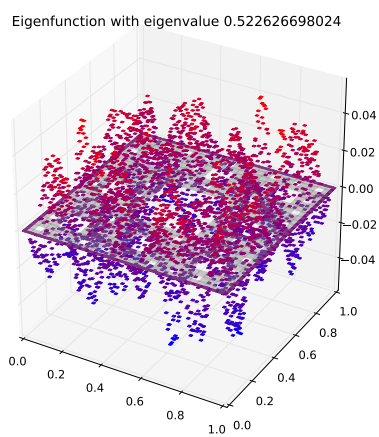
Eigenfunction 122 with eigenvalue 0.52040657371



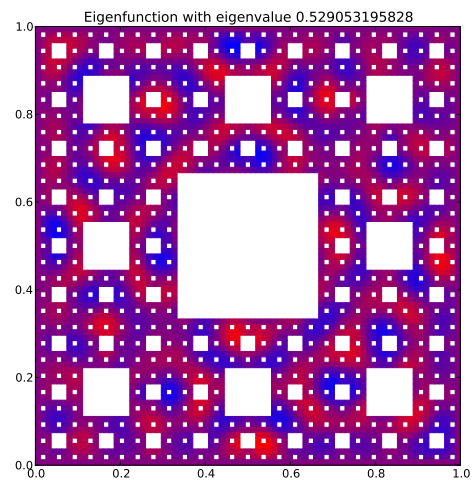
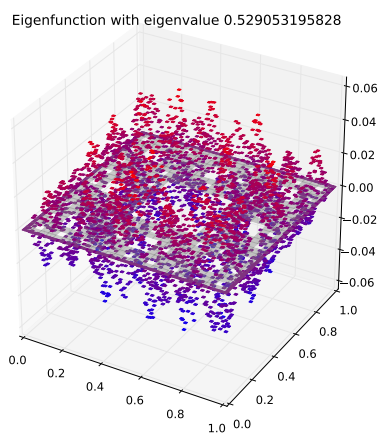
Eigenfunction 123 with eigenvalue 0.521843296484



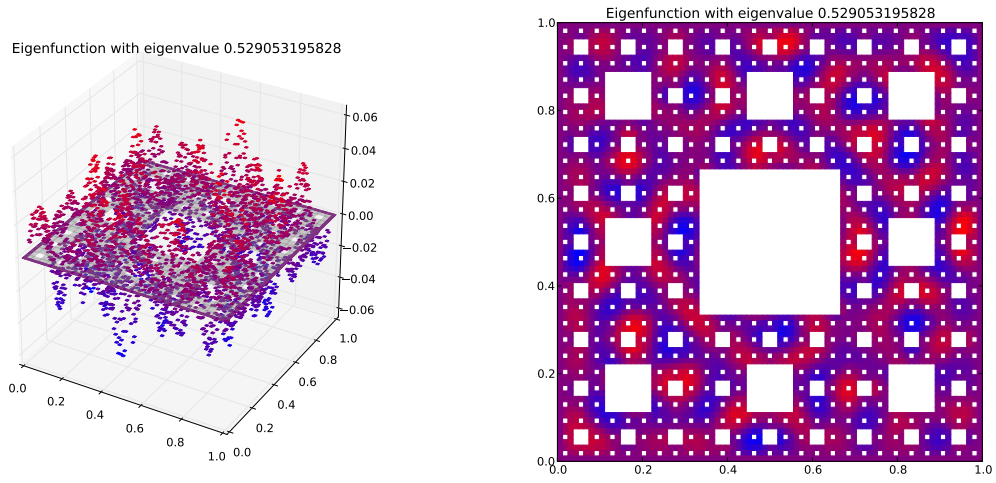
Eigenfunction 124 with eigenvalue 0.522626698024



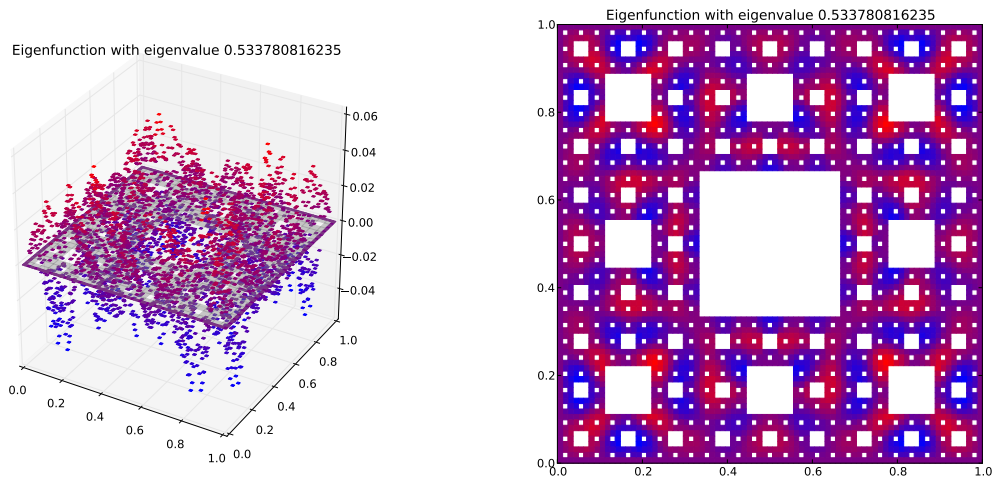
Eigenfunction 125 with eigenvalue 0.529053195828



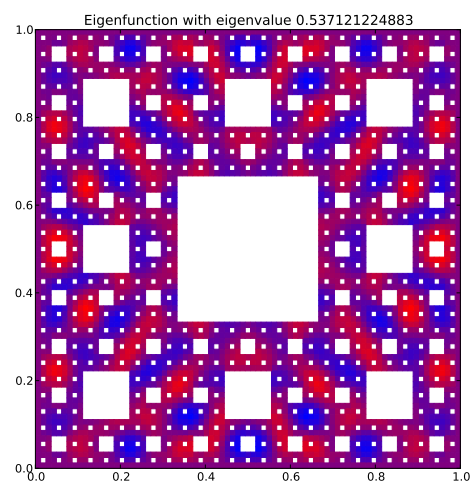
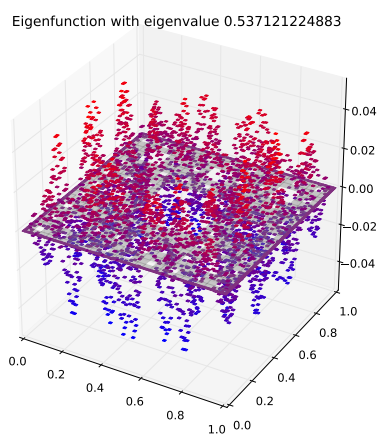
Eigenfunction 126 with eigenvalue 0.529053195828



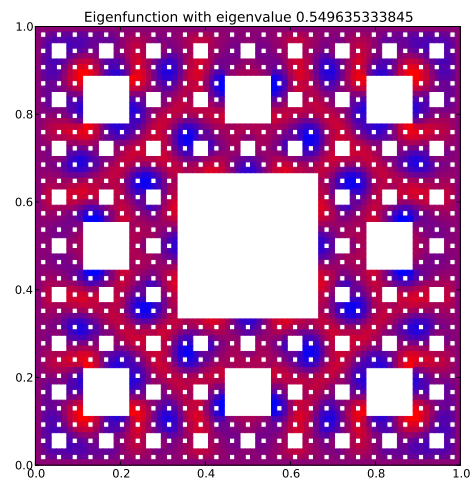
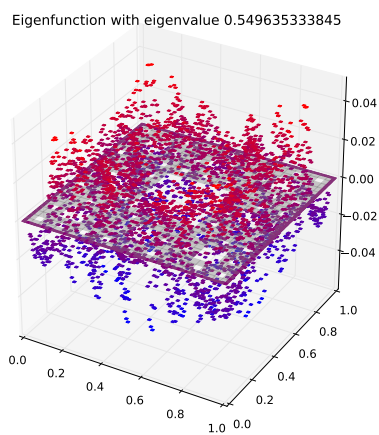
Eigenfunction 127 with eigenvalue 0.533780816235



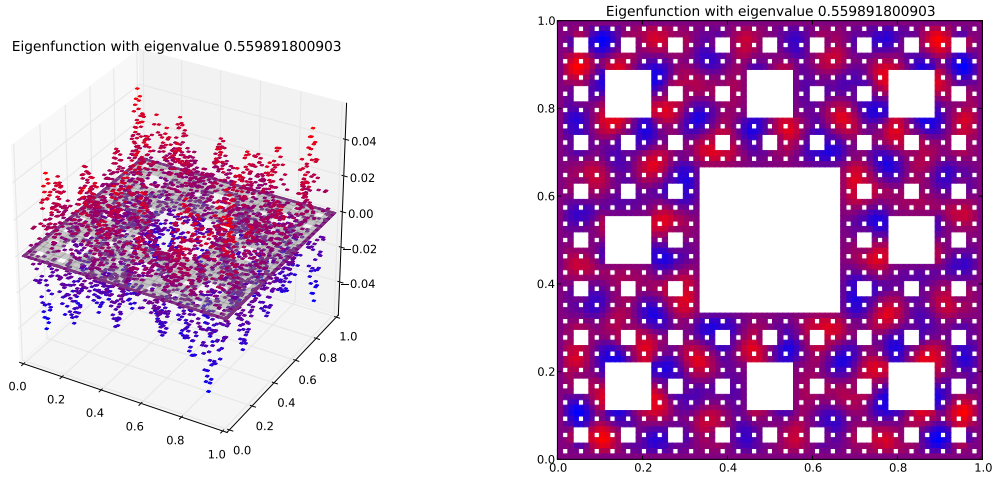
Eigenfunction 128 with eigenvalue 0.537121224883



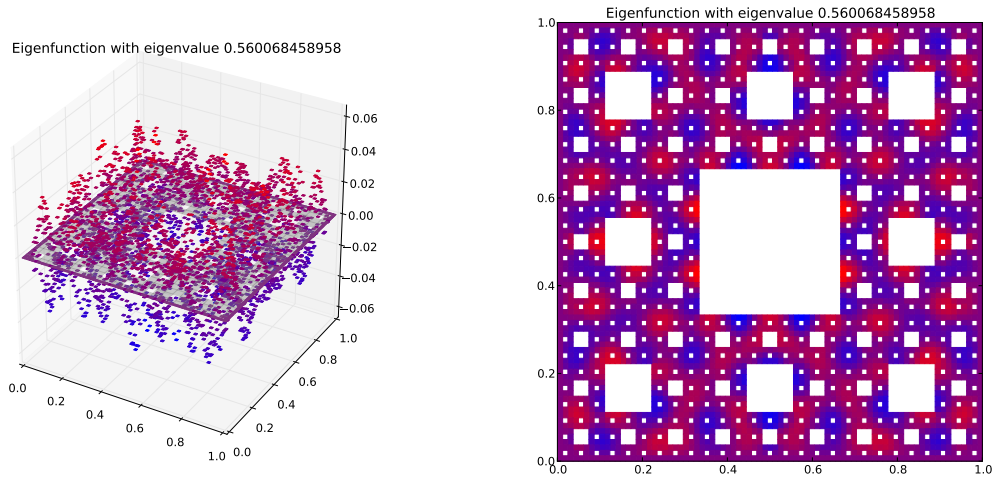
Eigenfunction 129 with eigenvalue 0.549635333845



Eigenfunction 130 with eigenvalue 0.559891800903

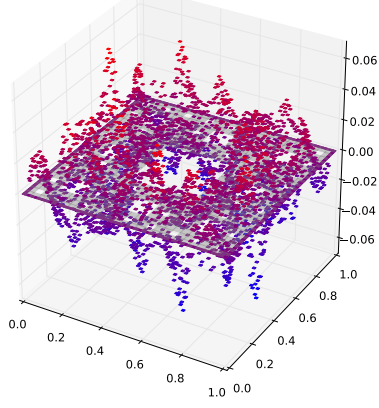


Eigenfunction 131 with eigenvalue 0.560068458958

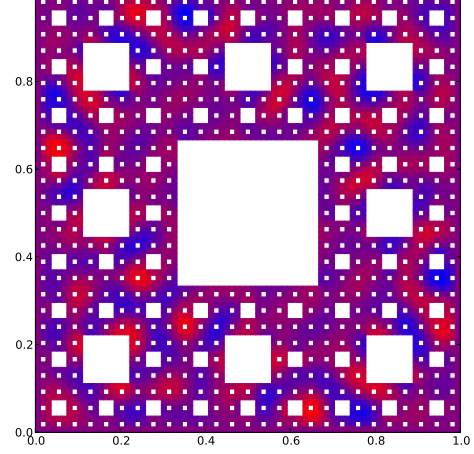


Eigenfunction 132 with eigenvalue 0.564997851529

Eigenfunction with eigenvalue 0.564997851529

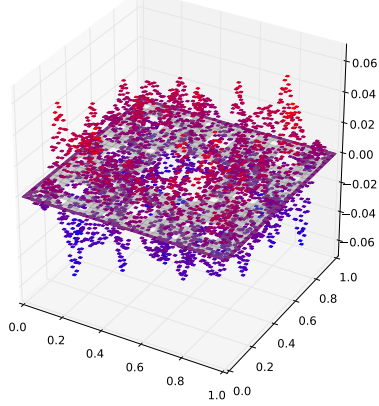


Eigenfunction with eigenvalue 0.564997851529

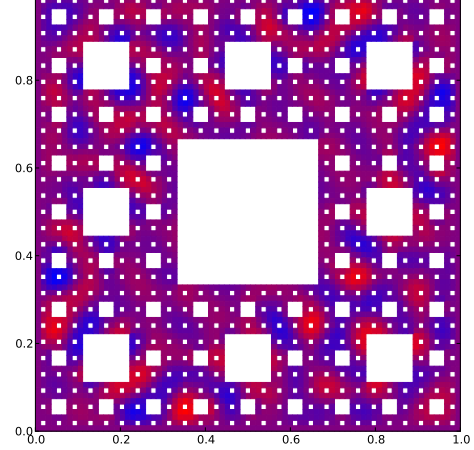


Eigenfunction 133 with eigenvalue 0.564997851529

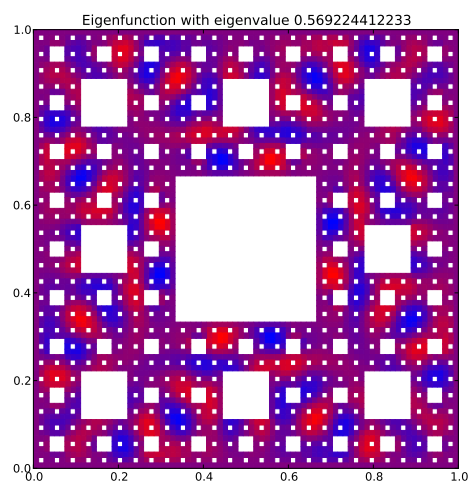
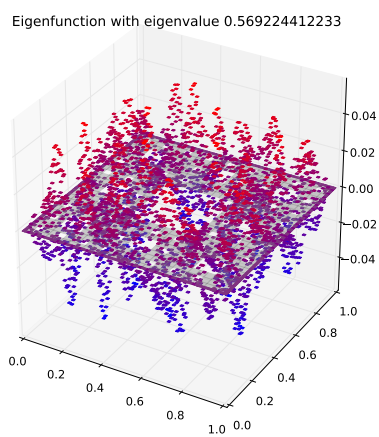
Eigenfunction with eigenvalue 0.564997851529



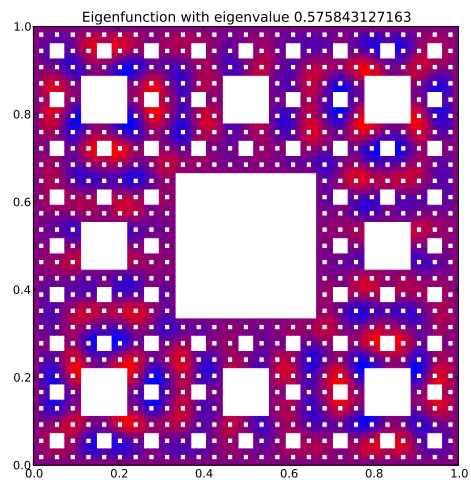
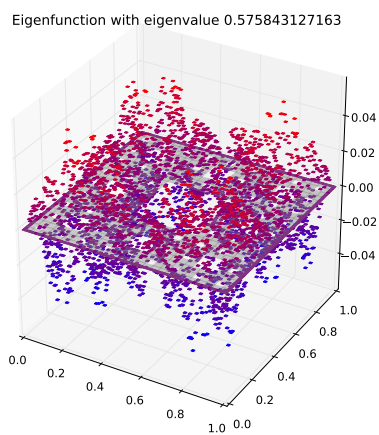
Eigenfunction with eigenvalue 0.564997851529



Eigenfunction 134 with eigenvalue 0.569224412233

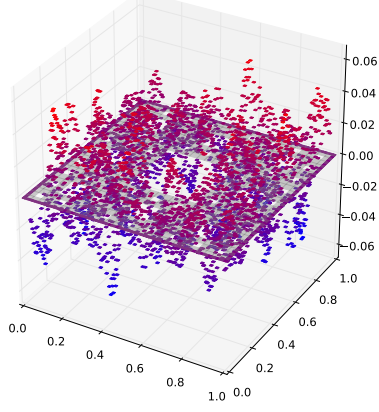


Eigenfunction 135 with eigenvalue 0.575843127163

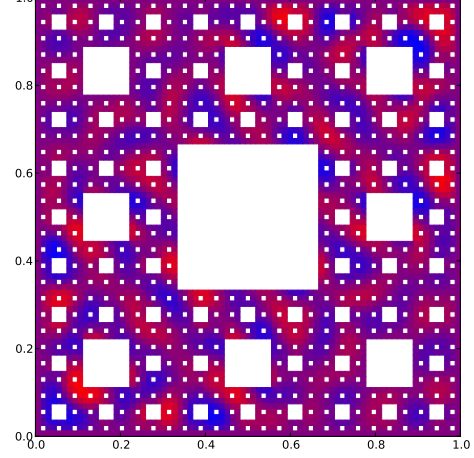


Eigenfunction 136 with eigenvalue 0.577741707105

Eigenfunction with eigenvalue 0.577741707105

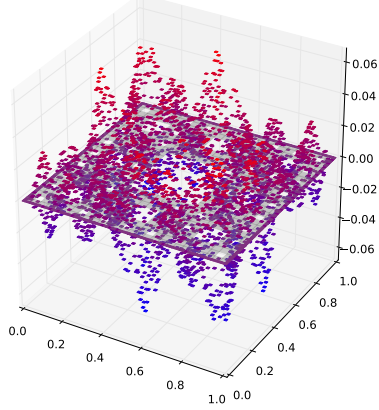


Eigenfunction with eigenvalue 0.577741707105

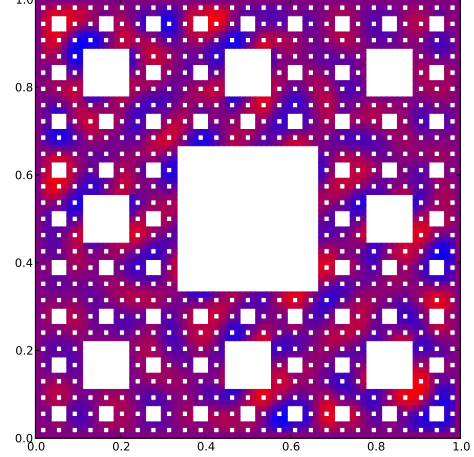


Eigenfunction 137 with eigenvalue 0.577741707105

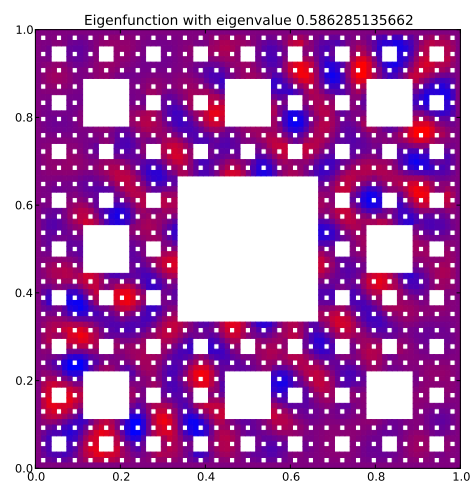
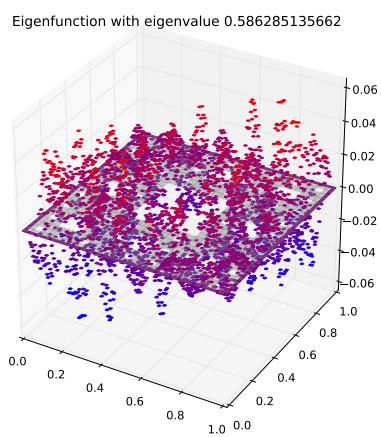
Eigenfunction with eigenvalue 0.577741707105



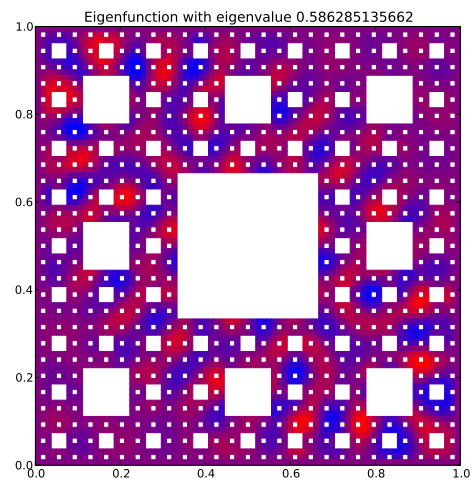
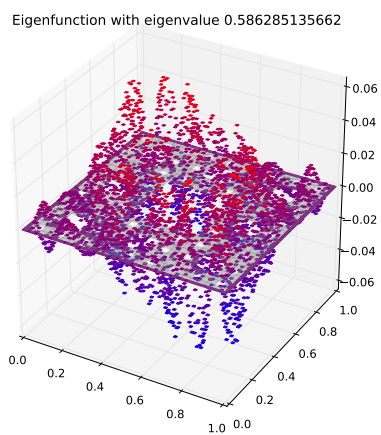
Eigenfunction with eigenvalue 0.577741707105



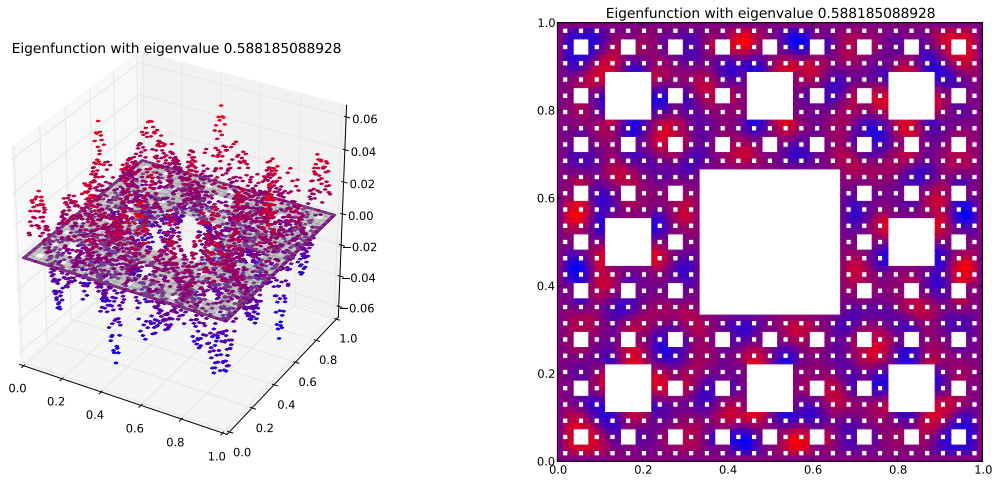
Eigenfunction 138 with eigenvalue 0.586285135662



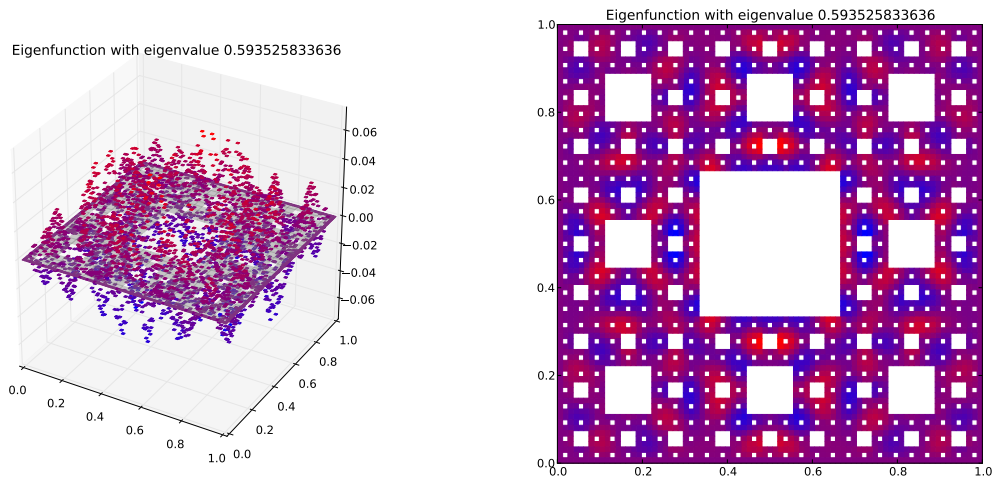
Eigenfunction 139 with eigenvalue 0.586285135662



Eigenfunction 140 with eigenvalue 0.588185088928

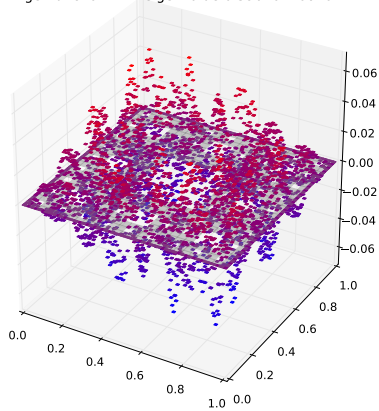


Eigenfunction 141 with eigenvalue 0.593525833636

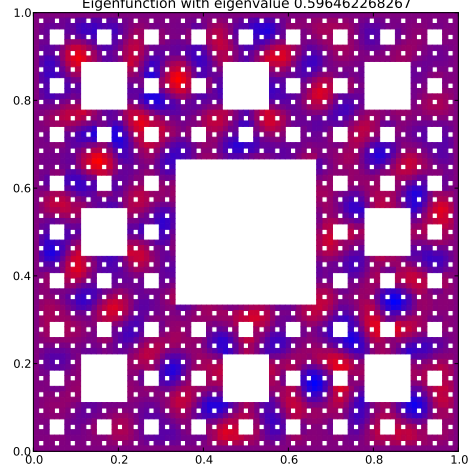


Eigenfunction 142 with eigenvalue 0.596462268267

Eigenfunction with eigenvalue 0.596462268267

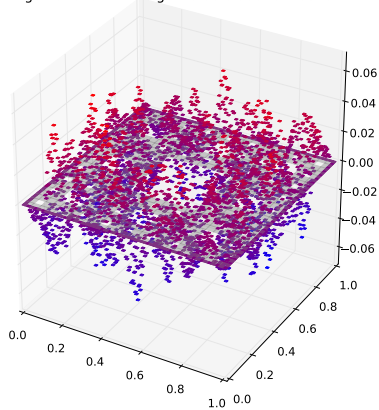


Eigenfunction with eigenvalue 0.596462268267

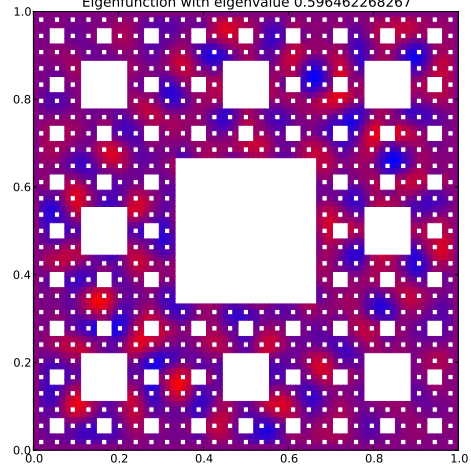


Eigenfunction 143 with eigenvalue 0.596462268267

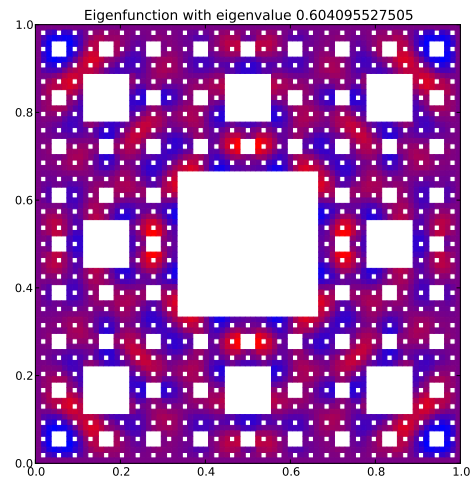
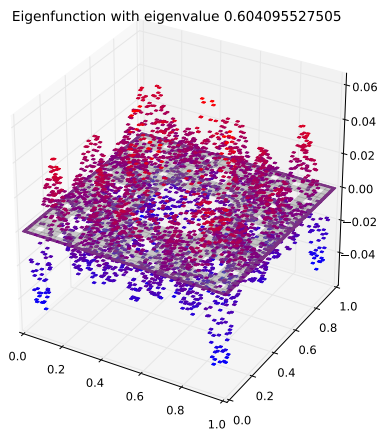
Eigenfunction with eigenvalue 0.596462268267



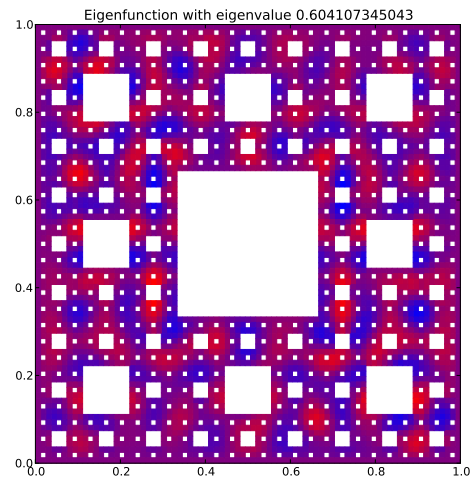
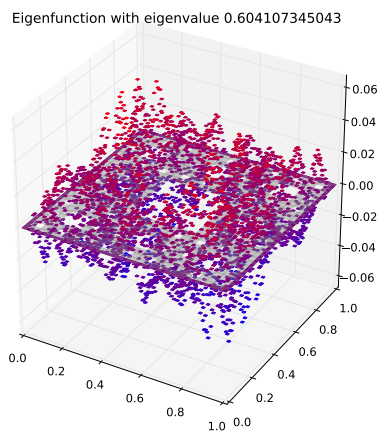
Eigenfunction with eigenvalue 0.596462268267



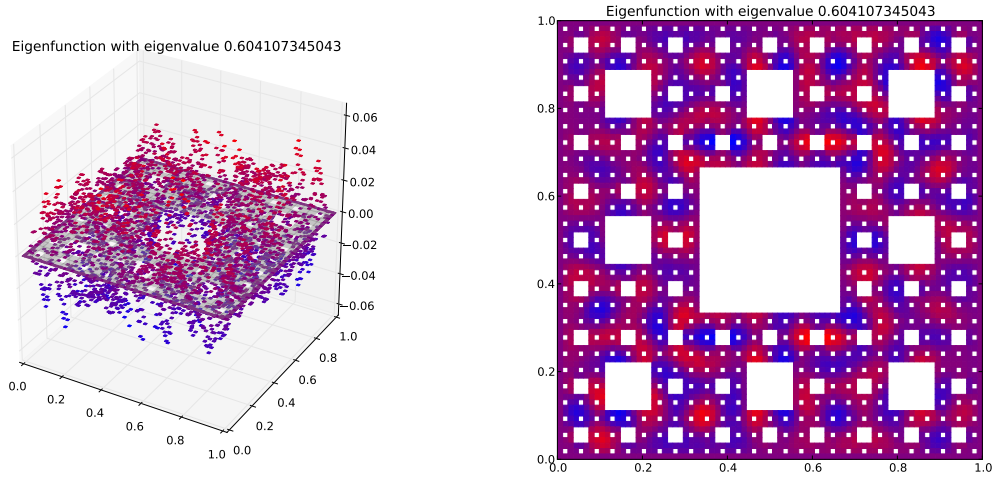
Eigenfunction 144 with eigenvalue 0.604095527505



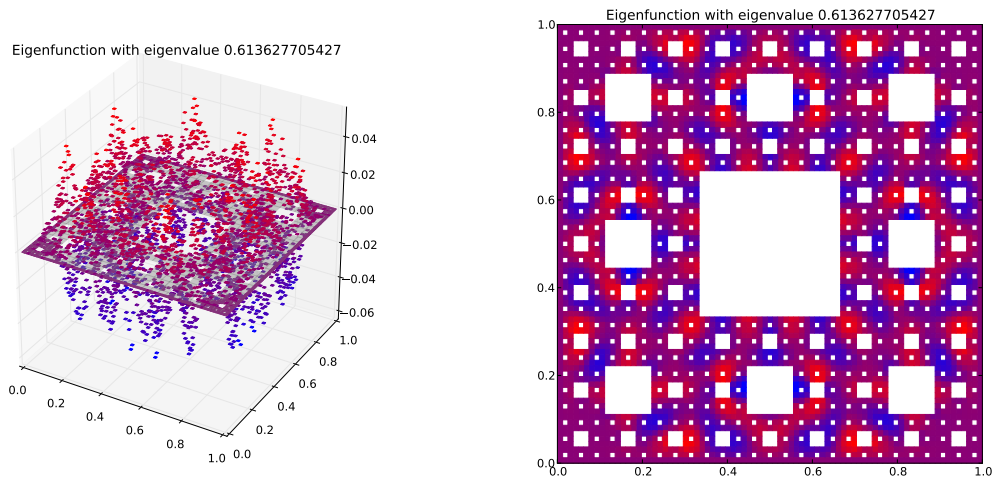
Eigenfunction 145 with eigenvalue 0.604107345043



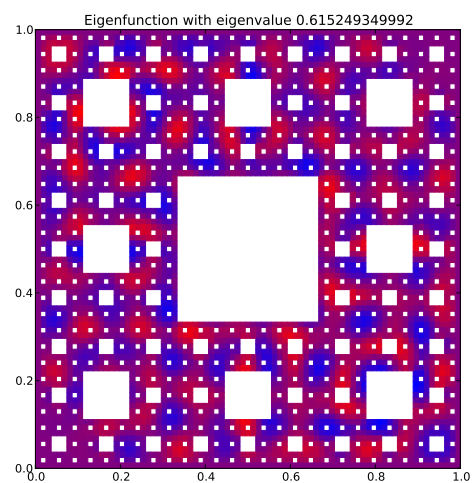
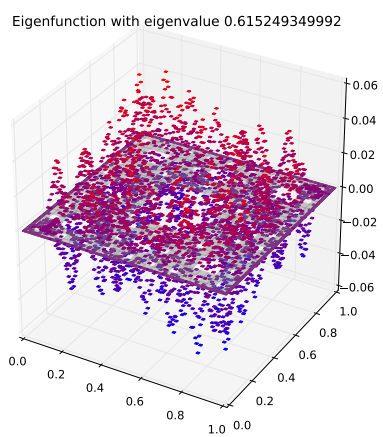
Eigenfunction 146 with eigenvalue 0.604107345043



Eigenfunction 147 with eigenvalue 0.613627705427



Eigenfunction 148 with eigenvalue 0.615249349992



Eigenfunction 149 with eigenvalue 0.615249349992

