

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

SPUR 2016

August 1, 2016

Eigenvalues:

0. -1.19487753025e-14	31. 0.123626813374	62. 0.260289578179
1. 0.0110915828617	32. 0.135045564424	63. 0.261367156563
2. 0.0173466238095	33. 0.145747166675	64. 0.262154180814
3. 0.0173466238096	34. 0.145747166675	65. 0.262154180814
4. 0.0185273246611	35. 0.150793835857	66. 0.264191262559
5. 0.0359611172077	36. 0.15364285339	67. 0.273175404677
6. 0.0379436151302	37. 0.155543485861	68. 0.273175404677
7. 0.0379436151302	38. 0.15950313035	69. 0.278083822831
8. 0.039255628987	39. 0.15950313035	70. 0.289500272528
9. 0.043866744199	40. 0.169860661305	71. 0.29248928502
10. 0.0535360004268	41. 0.17694845191	72. 0.29248928502
11. 0.0552661872601	42. 0.178280242382	73. 0.293372008077
12. 0.0552661872601	43. 0.178280242382	74. 0.297506229917
13. 0.0649220610509	44. 0.184772182286	75. 0.297506229917
14. 0.0649220610509	45. 0.192579323873	76. 0.301495365093
15. 0.0658944006741	46. 0.19262808869	77. 0.301495365093
16. 0.0700891225285	47. 0.19522521001	78. 0.303344998683
17. 0.0718171323434	48. 0.19522521001	79. 0.304326673577
18. 0.0869167232667	49. 0.207983187769	80. 0.314825177215
19. 0.0974770946868	50. 0.207983187769	81. 0.316502147419
20. 0.0977220717959	51. 0.209776434337	82. 0.3346664328
21. 0.0977220717959	52. 0.218851817764	83. 0.337380921259
22. 0.107555144266	53. 0.23340056442	84. 0.337380921259
23. 0.110499953631	54. 0.2389503587	85. 0.339001849568
24. 0.110499953631	55. 0.2389503587	86. 0.340241553644
25. 0.1119098452	56. 0.239442039835	87. 0.341576085991
26. 0.1119098452	57. 0.245266970492	88. 0.34559273715
27. 0.112975771174	58. 0.245266970492	89. 0.34559273715
28. 0.119575975178	59. 0.248871189978	90. 0.351159347282
29. 0.120502439322	60. 0.250070636692	91. 0.352158557395
30. 0.123626813374	61. 0.251854615319	92. 0.352158557395

93. 0.353943384829	139. 0.495585749462	185. 0.63398982435
94. 0.357143368949	140. 0.498758342945	186. 0.642628954445
95. 0.357143368949	141. 0.499092601966	187. 0.642628954445
96. 0.365735198577	142. 0.50508162147	188. 0.651917877514
97. 0.367496089208	143. 0.511871664648	189. 0.657477002805
98. 0.371355881793	144. 0.512379158943	190. 0.662033597559
99. 0.382691431052	145. 0.512379158943	191. 0.662725112854
100. 0.382691431052	146. 0.527590390548	192. 0.676376542997
101. 0.38718594902	147. 0.527590390549	193. 0.676588924774
102. 0.38718594902	148. 0.531408921694	194. 0.676588924774
103. 0.390888081427	149. 0.535701700095	195. 0.682578235459
104. 0.395413437245	150. 0.536675154296	196. 0.684568832307
105. 0.396943959713	151. 0.538985615894	197. 0.684568832307
106. 0.398910742962	152. 0.541244792443	198. 0.690590970621
107. 0.398910742962	153. 0.541244792443	199. 0.690590970621
108. 0.401356610888	154. 0.549667725942	200. 0.691464879926
109. 0.402486329068	155. 0.552741772002	201. 0.691464879926
110. 0.410353179116	156. 0.552741772002	202. 0.69239122833
111. 0.413096487833	157. 0.553990240254	203. 0.693013146416
112. 0.413487977522	158. 0.554062105127	204. 0.693416849179
113. 0.413487977522	159. 0.557528863825	205. 0.699834646127
114. 0.415878025107	160. 0.565874053189	206. 0.699834646127
115. 0.415878025107	161. 0.568739044012	207. 0.703069081595
116. 0.416848944612	162. 0.568739044012	208. 0.708668823771
117. 0.416848944612	163. 0.570208323328	209. 0.708668823771
118. 0.418455548397	164. 0.590373143983	210. 0.709904195658
119. 0.418909131778	165. 0.596683634455	211. 0.711351045195
120. 0.429702648818	166. 0.596683634455	212. 0.711351045195
121. 0.429702648818	167. 0.599914708942	213. 0.71285162895
122. 0.432311776921	168. 0.599914708942	214. 0.717474192611
123. 0.434800878638	169. 0.601108634652	215. 0.718500263264
124. 0.43662264785	170. 0.611988767821	216. 0.724642223022
125. 0.43662264785	171. 0.611988767821	217. 0.731321309534
126. 0.437873064433	172. 0.611988834632	218. 0.731321309534
127. 0.438682789189	173. 0.61243556256	219. 0.736973686766
128. 0.440879099693	174. 0.614740411234	220. 0.741674688681
129. 0.440879099693	175. 0.61495299866	221. 0.746642312907
130. 0.441021780966	176. 0.616039140993	222. 0.746642312907
131. 0.445861321719	177. 0.616039140993	223. 0.75231319638
132. 0.446718725656	178. 0.617497557004	224. 0.755284358349
133. 0.454776862037	179. 0.61855401798	225. 0.756273716014
134. 0.458297531522	180. 0.62232099785	226. 0.757964481786
135. 0.464319921701	181. 0.62232099785	227. 0.757964481786
136. 0.464319921701	182. 0.625542604305	228. 0.758799842469
137. 0.486851603141	183. 0.63157953027	229. 0.770177788906
138. 0.495585749462	184. 0.63157953027	230. 0.771611458576

231.	0.771611458576	277.	0.898690227821	323.	1.02862200756
232.	0.77292340966	278.	0.902108230122	324.	1.04076170461
233.	0.774834560928	279.	0.902108230122	325.	1.04169936418
234.	0.774834560928	280.	0.912218834391	326.	1.04169936418
235.	0.775891817175	281.	0.916192339435	327.	1.045826406
236.	0.779392848885	282.	0.916192339435	328.	1.04802245737
237.	0.780298454051	283.	0.920160049432	329.	1.05083331933
238.	0.780298454051	284.	0.927179760918	330.	1.05360451925
239.	0.781582407812	285.	0.927179760918	331.	1.05360451925
240.	0.786025062703	286.	0.932401173602	332.	1.05518378908
241.	0.789648898406	287.	0.936528032353	333.	1.05819247068
242.	0.804062401293	288.	0.936528032353	334.	1.05940419541
243.	0.804062401293	289.	0.937328276875	335.	1.05940419541
244.	0.806047531149	290.	0.939423654267	336.	1.06340124216
245.	0.806119038804	291.	0.93962088881	337.	1.06784111391
246.	0.808450712478	292.	0.941104770461	338.	1.07557046832
247.	0.808450712478	293.	0.941104770461	339.	1.07752063079
248.	0.811011636289	294.	0.942333065711	340.	1.07752063079
249.	0.823858327567	295.	0.943216245972	341.	1.07834173576
250.	0.823858327567	296.	0.945869375726	342.	1.07980945455
251.	0.82971035144	297.	0.948937506961	343.	1.08848093668
252.	0.832284202172	298.	0.949827935232	344.	1.08848093668
253.	0.832653238156	299.	0.954510557548	345.	1.08877475647
254.	0.83425020338	300.	0.956913382746	346.	1.08877475647
255.	0.83425020338	301.	0.956913382746	347.	1.0903235337
256.	0.837321216881	302.	0.957868195352	348.	1.09850487847
257.	0.843872736929	303.	0.960812225362	349.	1.10564785755
258.	0.850098950878	304.	0.960812225362	350.	1.10564785755
259.	0.851586532605	305.	0.962072221865	351.	1.123937807
260.	0.851586532605	306.	0.965812231577	352.	1.12504359719
261.	0.857476882005	307.	0.976954116372	353.	1.12504359719
262.	0.864741007814	308.	0.977564560533	354.	1.13119680376
263.	0.864741007814	309.	0.977564560533	355.	1.1320700854
264.	0.869991827169	310.	0.981418510265	356.	1.13300781355
265.	0.873551596741	311.	0.981418510265	357.	1.13300781355
266.	0.873551596741	312.	0.982304343091	358.	1.13970243791
267.	0.87745388528	313.	0.982304343091	359.	1.14282025372
268.	0.878072139818	314.	0.992796730524	360.	1.14480160628
269.	0.879615121731	315.	0.992804619434	361.	1.14965634581
270.	0.882957816942	316.	0.99744870541	362.	1.15359905638
271.	0.882957816942	317.	0.99744870541	363.	1.15535508955
272.	0.888879840552	318.	0.997528359444	364.	1.15552204459
273.	0.888879840552	319.	1.00697013954	365.	1.15552204459
274.	0.889365380756	320.	1.0215448567	366.	1.16946302077
275.	0.896295713091	321.	1.0215448567	367.	1.16985290823
276.	0.896359357222	322.	1.02611192566	368.	1.16985290823

369. 1.17458756709	415. 1.30881657488	461. 1.43718508707
370. 1.17819003595	416. 1.30881657488	462. 1.43885418178
371. 1.18036059534	417. 1.31190986864	463. 1.44418267662
372. 1.18036059534	418. 1.31434730344	464. 1.44442143893
373. 1.1841639544	419. 1.32098919774	465. 1.44442143893
374. 1.18612485588	420. 1.32561871242	466. 1.4478019729
375. 1.18872121525	421. 1.32991268325	467. 1.44963538616
376. 1.18872121525	422. 1.33097560477	468. 1.44963538616
377. 1.19063924703	423. 1.33325916734	469. 1.45007158997
378. 1.19304144202	424. 1.33325916734	470. 1.45013817545
379. 1.19533658651	425. 1.3412051591	471. 1.45283414891
380. 1.19533658651	426. 1.34547510427	472. 1.45594969656
381. 1.19534947317	427. 1.34990125268	473. 1.4592998885
382. 1.20200462494	428. 1.34990125268	474. 1.4592998885
383. 1.20200462494	429. 1.34996390534	475. 1.46345739242
384. 1.20277374556	430. 1.3541454311	476. 1.46615126404
385. 1.21376402991	431. 1.3541454311	477. 1.46717847055
386. 1.21376402991	432. 1.35550041851	478. 1.46717847055
387. 1.22157717679	433. 1.36590324428	479. 1.47355711466
388. 1.22511300647	434. 1.36774850478	480. 1.47451203507
389. 1.23678644519	435. 1.37217217645	481. 1.47513231767
390. 1.23678644519	436. 1.37278663333	482. 1.47513231767
391. 1.25062215123	437. 1.37278663333	483. 1.48275402202
392. 1.25229006211	438. 1.37700806788	484. 1.48275402202
393. 1.25294733051	439. 1.37700806788	485. 1.48614779467
394. 1.25723925917	440. 1.38005513437	486. 1.4866049514
395. 1.25723925917	441. 1.38196483882	487. 1.4866049514
396. 1.26506964258	442. 1.38196483882	488. 1.48824684442
397. 1.26506964258	443. 1.38455829586	489. 1.48914809268
398. 1.27301137746	444. 1.39142947362	490. 1.49838811955
399. 1.27301137746	445. 1.39792467705	491. 1.49893198931
400. 1.27727418081	446. 1.39824187548	492. 1.49893198931
401. 1.27750496765	447. 1.39824187548	493. 1.50207961384
402. 1.27831334825	448. 1.40014100504	494. 1.50215768278
403. 1.27884398034	449. 1.40452264352	495. 1.50215768278
404. 1.28164745192	450. 1.41217002916	496. 1.5025317604
405. 1.28367279744	451. 1.41217002916	497. 1.50279517162
406. 1.28367279744	452. 1.41517966758	498. 1.50309331884
407. 1.29272953661	453. 1.41553727028	499. 1.50607326402
408. 1.29410950046	454. 1.41553727028	500. 1.50763479942
409. 1.29410950046	455. 1.41725540572	501. 1.50763479942
410. 1.29424190168	456. 1.42196397198	502. 1.51793363565
411. 1.2948161663	457. 1.4269706231	503. 1.51793363565
412. 1.30238568794	458. 1.4269914264	504. 1.51817081784
413. 1.30675500665	459. 1.43665232439	505. 1.51996308224
414. 1.30675500665	460. 1.43665232439	506. 1.52258018595

507. 1.52515361731	553. 1.63073112198	599. 1.72311357685
508. 1.52859512982	554. 1.63073112198	600. 1.72311357685
509. 1.52859512982	555. 1.63378160424	601. 1.7248667602
510. 1.5315217024	556. 1.6357209011	602. 1.72548632216
511. 1.5315217024	557. 1.6357209011	603. 1.72601331576
512. 1.53611556003	558. 1.6396485907	604. 1.72649580728
513. 1.53968175442	559. 1.64438294515	605. 1.72750850303
514. 1.53968175442	560. 1.64438294515	606. 1.72750850303
515. 1.54110434538	561. 1.64975912612	607. 1.7315625461
516. 1.54376894414	562. 1.65273860407	608. 1.73290054726
517. 1.54503483281	563. 1.65273860407	609. 1.73290054726
518. 1.54503483281	564. 1.65493957702	610. 1.73419207092
519. 1.55112450243	565. 1.65668465583	611. 1.73544885213
520. 1.55127865742	566. 1.6575649729	612. 1.73744150835
521. 1.55326424418	567. 1.6612891917	613. 1.74719151622
522. 1.55801550338	568. 1.6612891917	614. 1.74799480909
523. 1.55815953334	569. 1.66166624176	615. 1.74799480909
524. 1.56214827059	570. 1.66871512417	616. 1.76323423991
525. 1.56214827059	571. 1.66912346255	617. 1.76377125522
526. 1.56417210193	572. 1.67744157164	618. 1.76377125522
527. 1.56417210193	573. 1.67769612234	619. 1.76560714471
528. 1.56491314962	574. 1.67769612234	620. 1.76603623378
529. 1.56705801974	575. 1.68072745254	621. 1.76603623378
530. 1.56764213153	576. 1.68262796896	622. 1.766523326
531. 1.56764213153	577. 1.68417778317	623. 1.76961533446
532. 1.56922273818	578. 1.68417778317	624. 1.77357977312
533. 1.5727333372	579. 1.68487826816	625. 1.77684192808
534. 1.57348222716	580. 1.69158959199	626. 1.77684192808
535. 1.57348222716	581. 1.69158959199	627. 1.77694562043
536. 1.57911934949	582. 1.69295225868	628. 1.77918016219
537. 1.58284852031	583. 1.69464069696	629. 1.78267600467
538. 1.58478071114	584. 1.69464069696	630. 1.78267600467
539. 1.58522653255	585. 1.69464396279	631. 1.78440380027
540. 1.58522653255	586. 1.69544386739	632. 1.78929345844
541. 1.58753984057	587. 1.69900017851	633. 1.79317091105
542. 1.58800696809	588. 1.69979740813	634. 1.794183988
543. 1.58835116274	589. 1.70058235893	635. 1.79715222564
544. 1.59761098578	590. 1.70058235893	636. 1.79715222564
545. 1.59761098578	591. 1.70448492272	637. 1.80085698555
546. 1.60483272971	592. 1.70448492272	638. 1.80248064052
547. 1.60666139911	593. 1.70750132957	639. 1.80248064052
548. 1.61345666758	594. 1.70750132957	640. 1.8071709438
549. 1.61345666758	595. 1.71291806691	641. 1.80739121076
550. 1.62440907626	596. 1.71949100007	642. 1.80739121076
551. 1.62711006141	597. 1.71949100007	643. 1.80950395019
552. 1.62855172444	598. 1.721627476	644. 1.81057741888

645. 1.81268213893	691. 1.9089624489	737. 1.9745659081
646. 1.8147926829	692. 1.9089624489	738. 1.97479708803
647. 1.8147926829	693. 1.9101864396	739. 1.97645432431
648. 1.82191684608	694. 1.91340348734	740. 1.97645432431
649. 1.83014874496	695. 1.91599033748	741. 1.98185326705
650. 1.83059039927	696. 1.91665624442	742. 1.98185326705
651. 1.83116655407	697. 1.91665624442	743. 1.98449345102
652. 1.83116655407	698. 1.91805318027	744. 1.98510449936
653. 1.83556355134	699. 1.91805318027	745. 1.98565566396
654. 1.83825546673	700. 1.91923977972	746. 1.9882138454
655. 1.83978315944	701. 1.91928696643	747. 1.9890839426
656. 1.84126011866	702. 1.91928696643	748. 1.98920232781
657. 1.84126011866	703. 1.91946018589	749. 1.99030612437
658. 1.8424766945	704. 1.92637087801	750. 1.99340715776
659. 1.84588658868	705. 1.92637087801	751. 1.99340715776
660. 1.84708024709	706. 1.92996083164	752. 1.99539891664
661. 1.84708024709	707. 1.93058645085	753. 1.99539891664
662. 1.85057208489	708. 1.93341041773	754. 1.99714767776
663. 1.85389488646	709. 1.93634113103	755. 1.99726814472
664. 1.85721270909	710. 1.93634113103	756. 2.0
665. 1.85752937017	711. 1.93710856899	757. 2.00367631036
666. 1.85752937017	712. 1.93841110066	758. 2.00367631036
667. 1.85904850495	713. 1.93924110283	759. 2.00592105368
668. 1.85967608206	714. 1.93924110283	760. 2.00691881983
669. 1.85967608206	715. 1.94064760168	761. 2.00771486592
670. 1.86344558376	716. 1.9419793715	762. 2.00771486592
671. 1.87024944327	717. 1.9419793715	763. 2.00909070031
672. 1.87024944327	718. 1.9452775734	764. 2.00909070031
673. 1.87462446692	719. 1.9458795245	765. 2.00960044007
674. 1.87612620076	720. 1.94695701926	766. 2.01072020107
675. 1.87612620076	721. 1.94780780738	767. 2.01368417309
676. 1.87703040642	722. 1.94780780738	768. 2.01389437065
677. 1.8783953076	723. 1.94813148343	769. 2.01512333553
678. 1.87956778205	724. 1.94905808477	770. 2.01551613526
679. 1.88363690629	725. 1.95077178631	771. 2.01551613526
680. 1.88363690629	726. 1.95613538493	772. 2.01582874766
681. 1.88565229486	727. 1.95613538493	773. 2.01686159883
682. 1.88610645693	728. 1.95935331228	774. 2.01686159883
683. 1.89437393141	729. 1.95935331228	775. 2.01761268364
684. 1.89823680362	730. 1.95954577068	776. 2.01812938017
685. 1.89823680362	731. 1.96203155498	777. 2.01812938017
686. 1.89913140325	732. 1.96764809287	778. 2.01855032039
687. 1.90185259978	733. 1.9689384626	779. 2.02062200296
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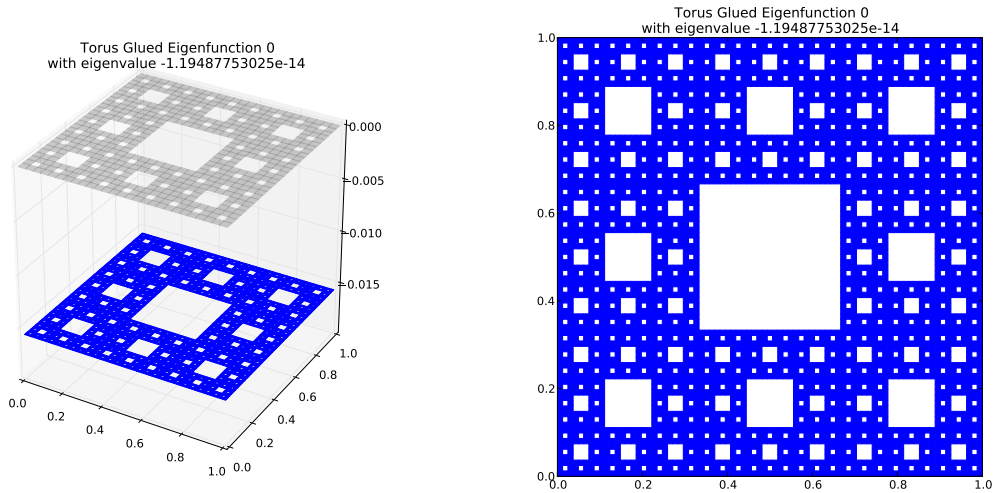
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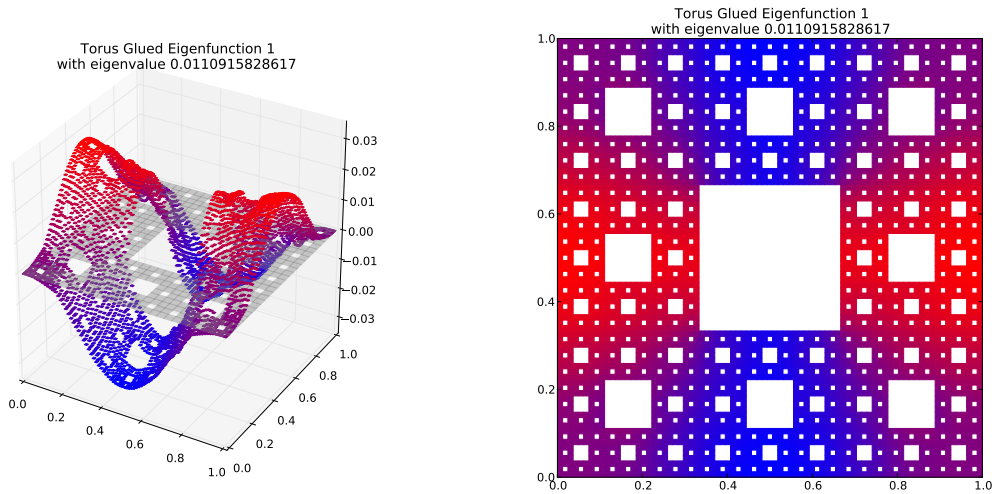
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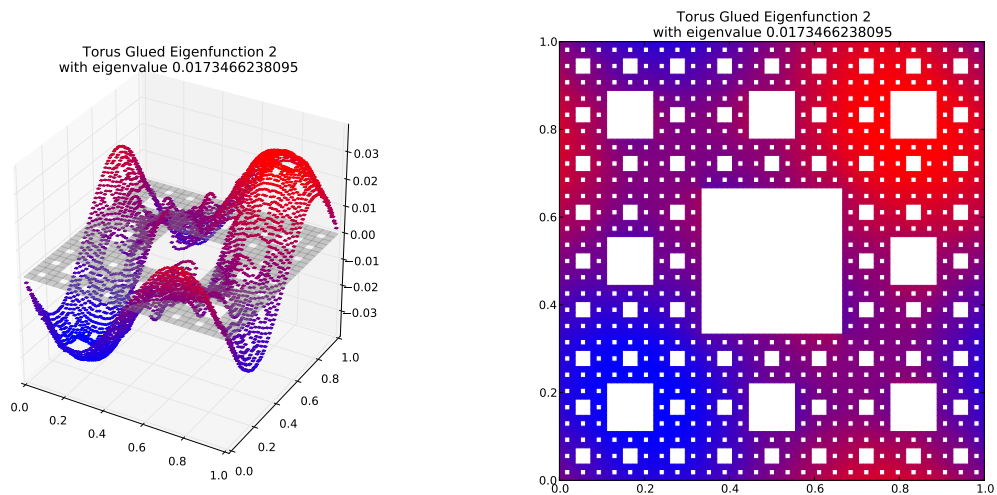
Eigenfunction 0 with eigenvalue $-1.19487753025e-14$



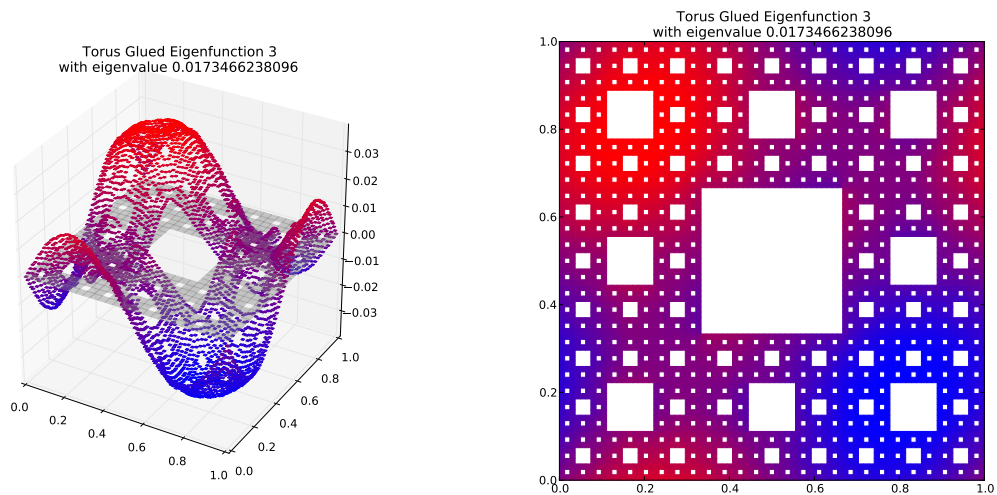
Eigenfunction 1 with eigenvalue 0.0110915828617



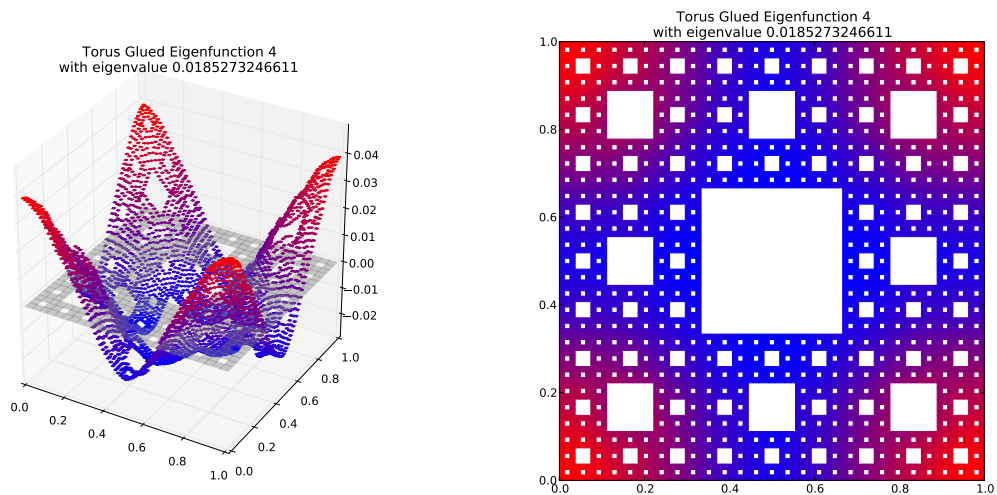
Eigenfunction 2 with eigenvalue 0.0173466238095



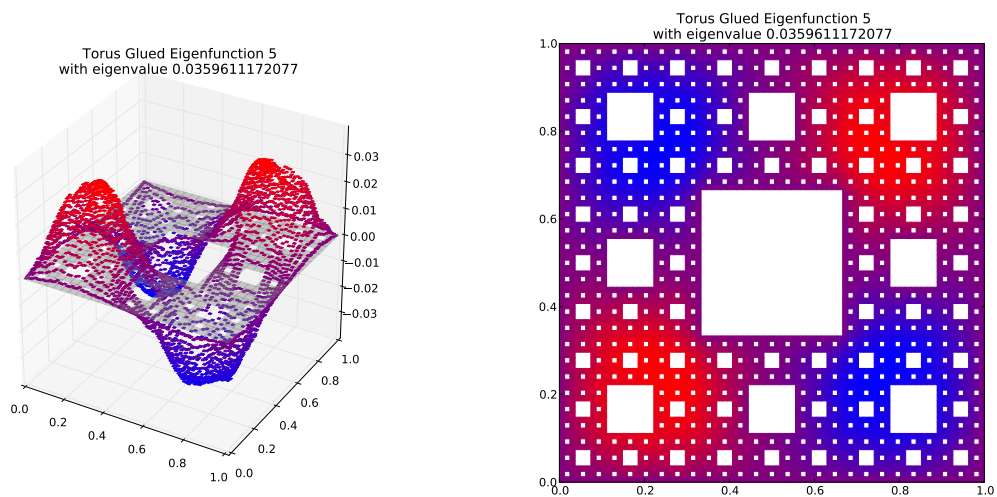
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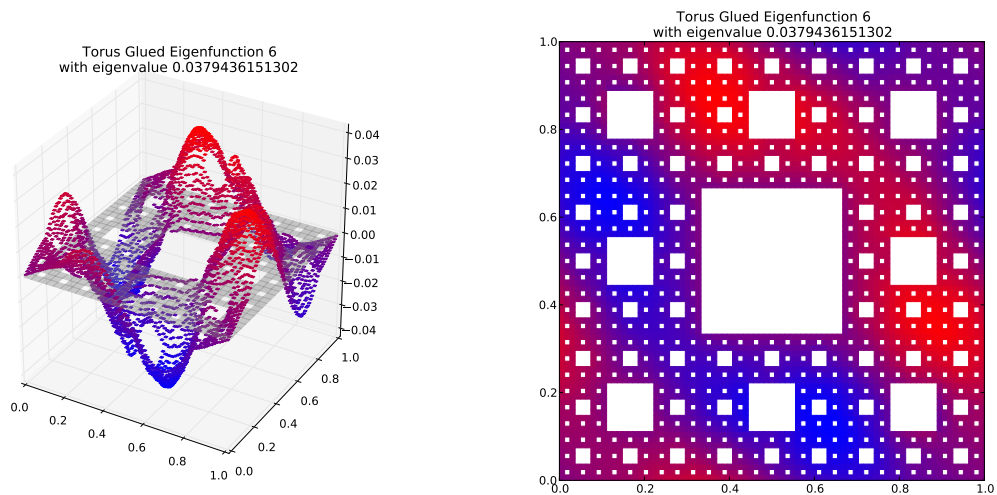
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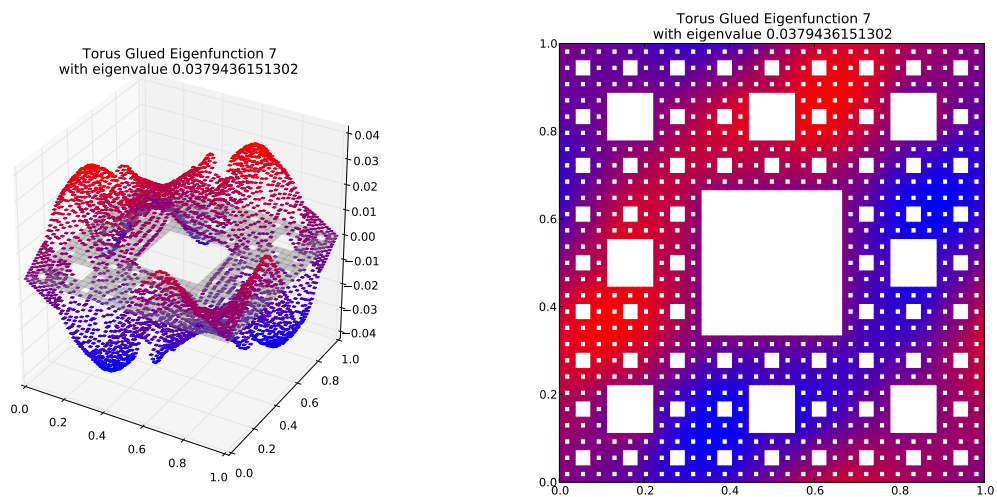
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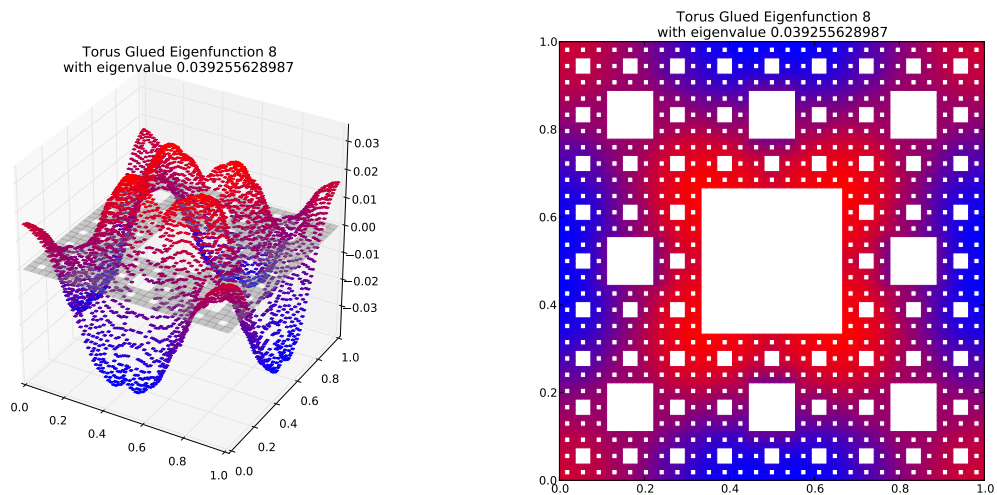
Eigenfunction 6 with eigenvalue 0.0379436151302



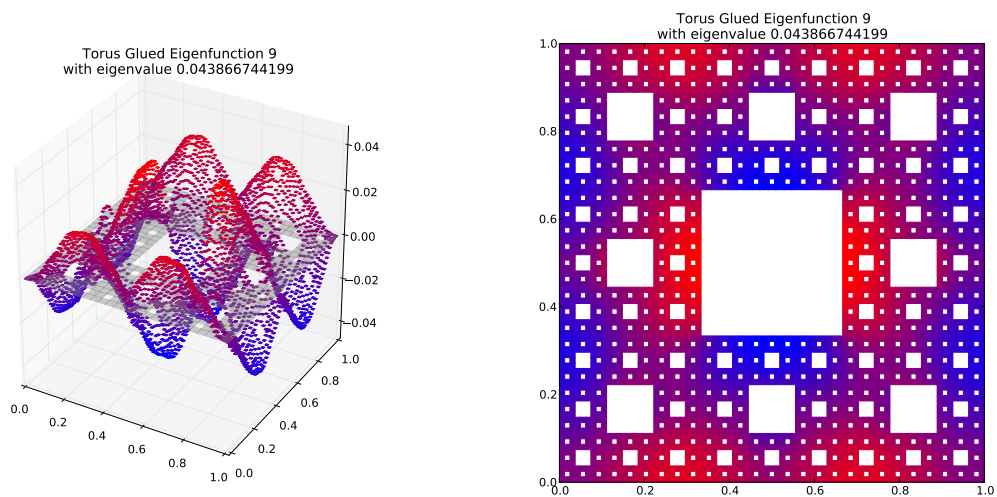
Eigenfunction 7 with eigenvalue 0.0379436151302



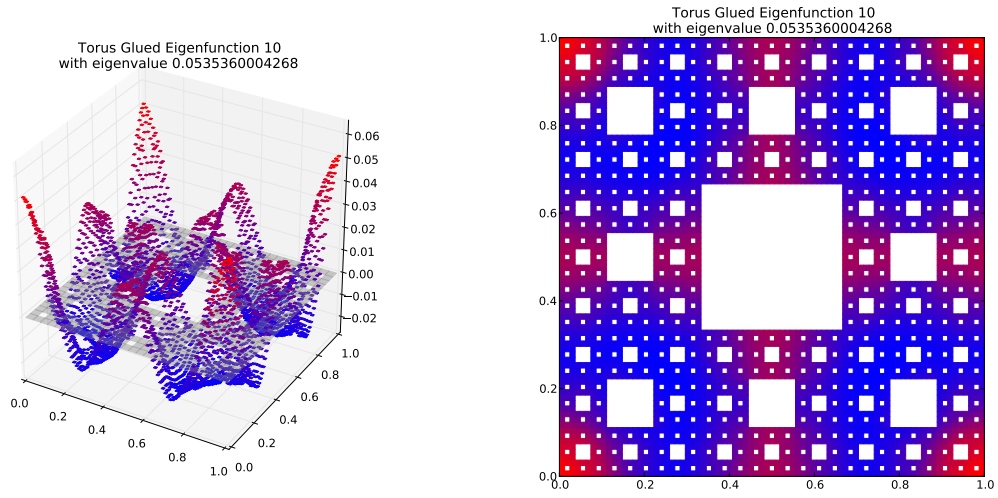
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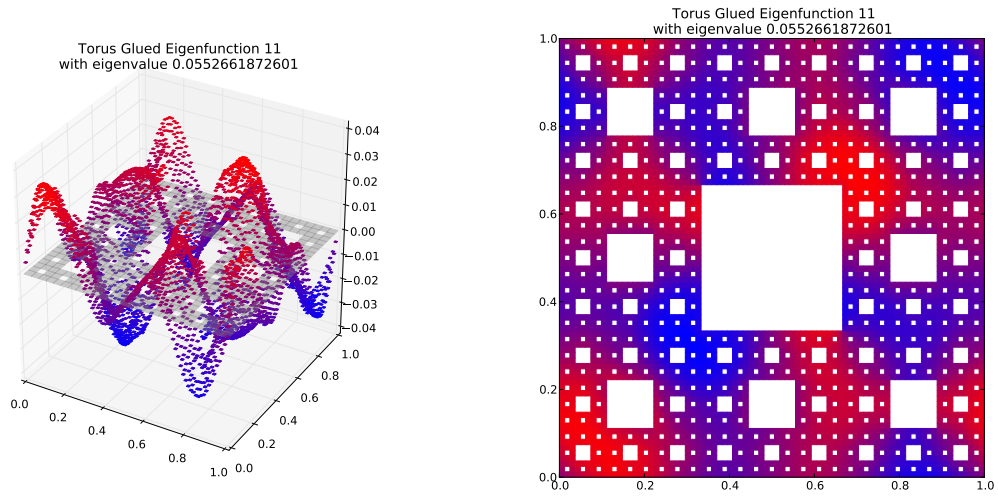
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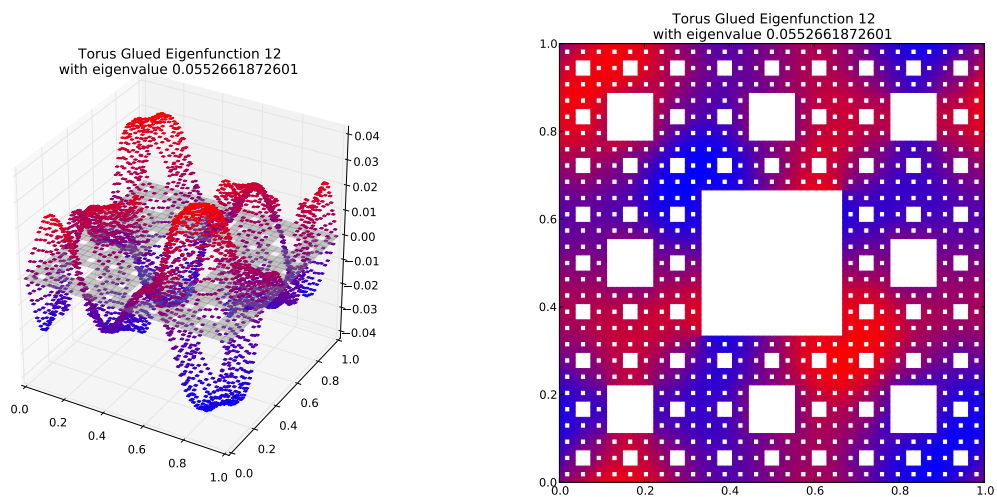
Eigenfunction 10 with eigenvalue 0.0535360004268



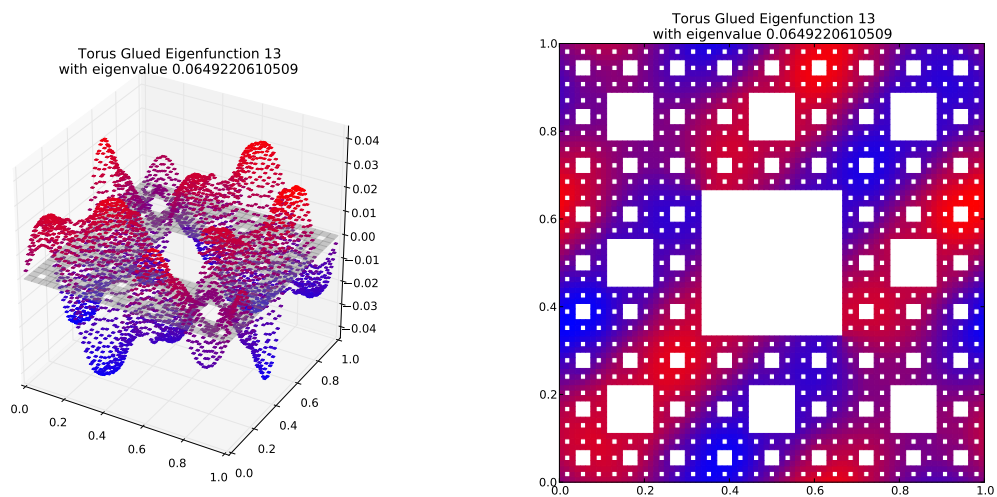
Eigenfunction 11 with eigenvalue 0.0552661872601



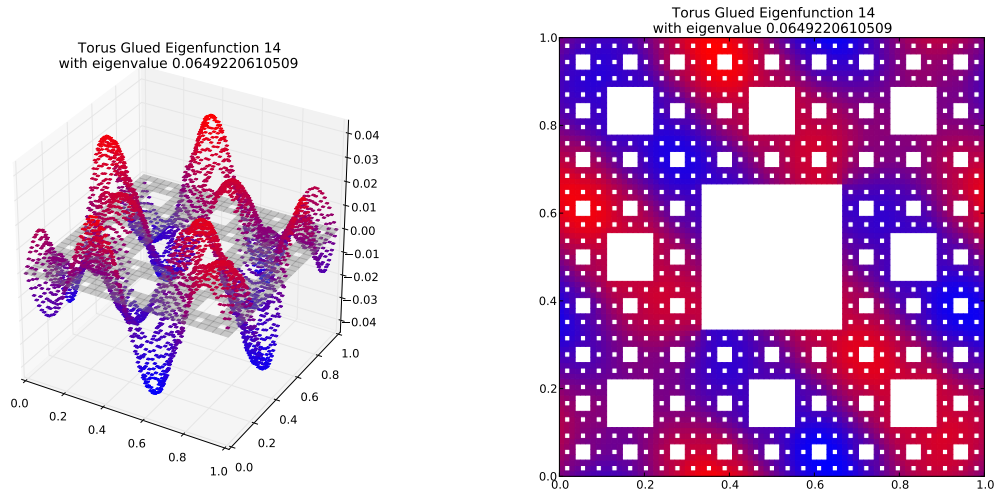
Eigenfunction 12 with eigenvalue 0.0552661872601



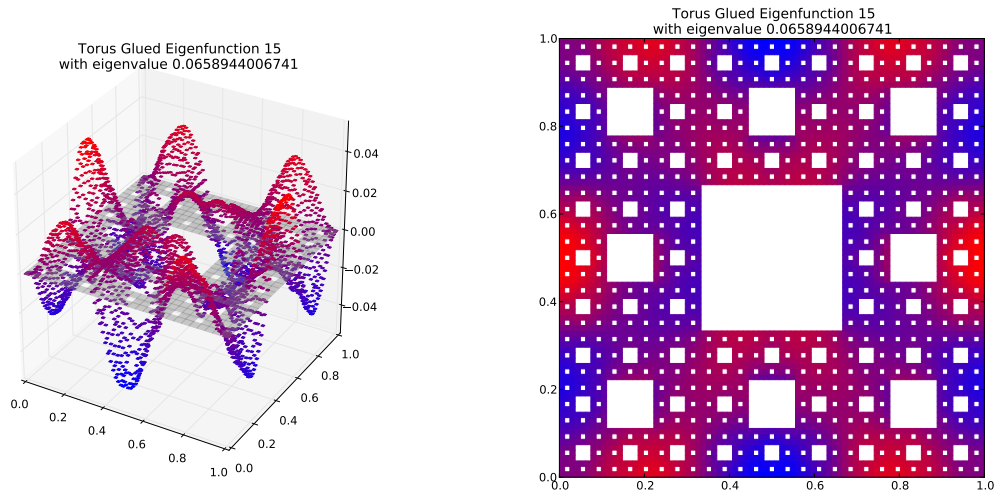
Eigenfunction 13 with eigenvalue 0.0649220610509



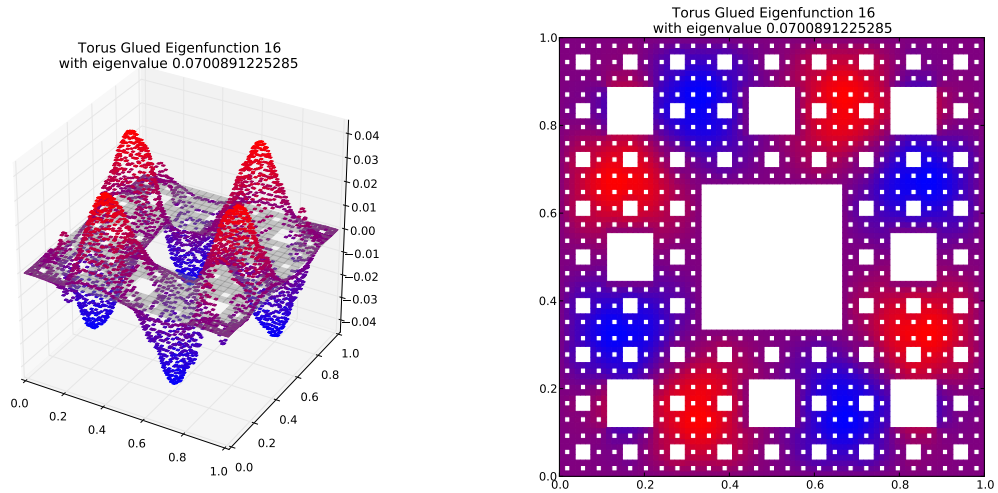
Eigenfunction 14 with eigenvalue 0.0649220610509



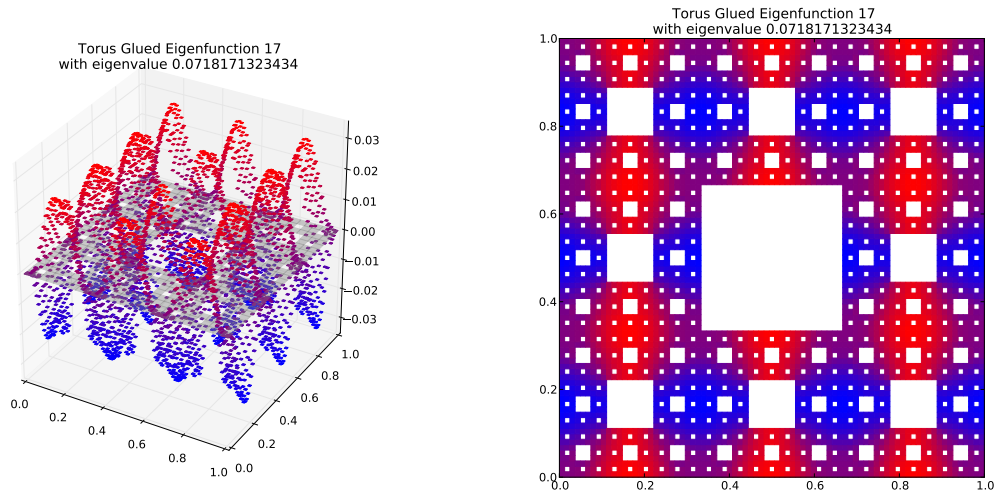
Eigenfunction 15 with eigenvalue 0.0658944006741



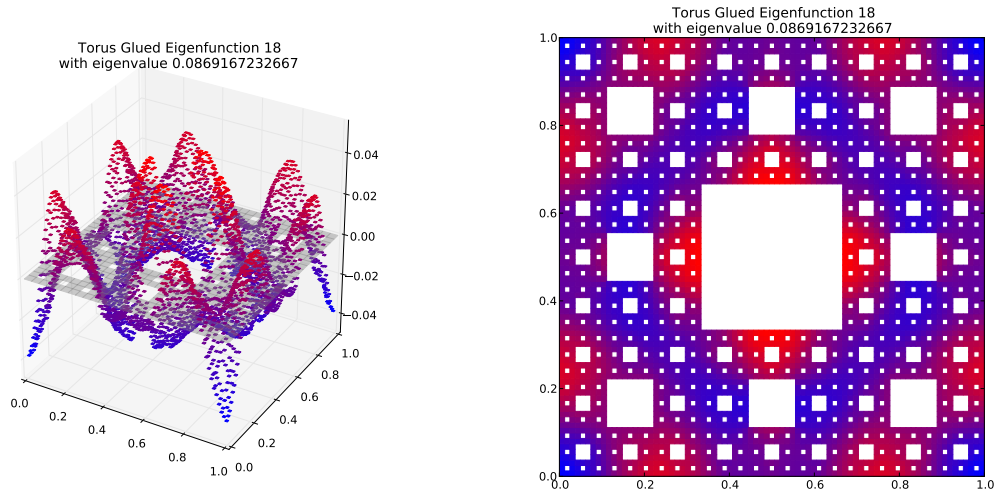
Eigenfunction 16 with eigenvalue 0.0700891225285



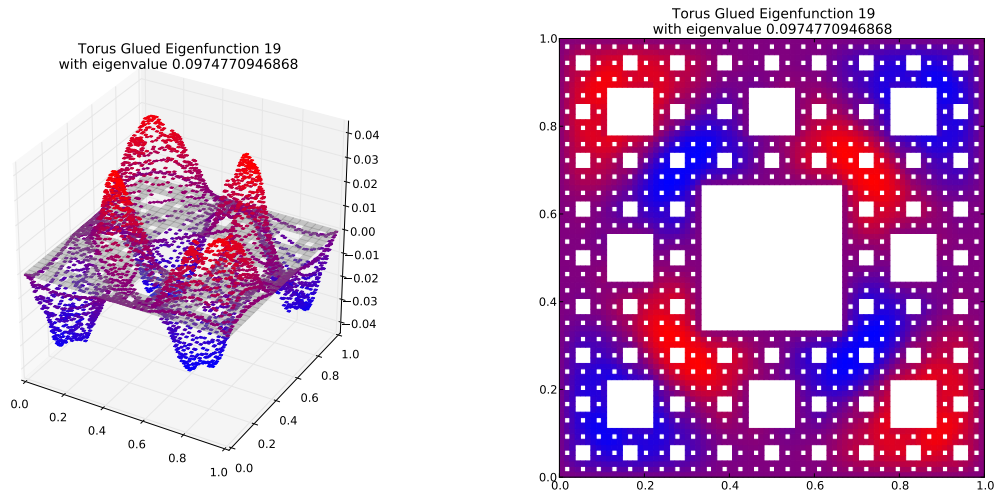
Eigenfunction 17 with eigenvalue 0.0718171323434



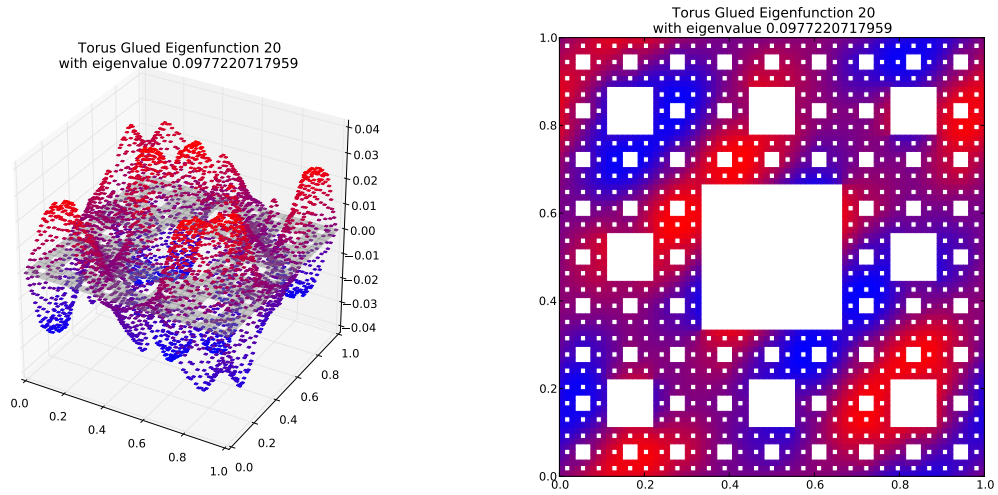
Eigenfunction 18 with eigenvalue 0.0869167232667



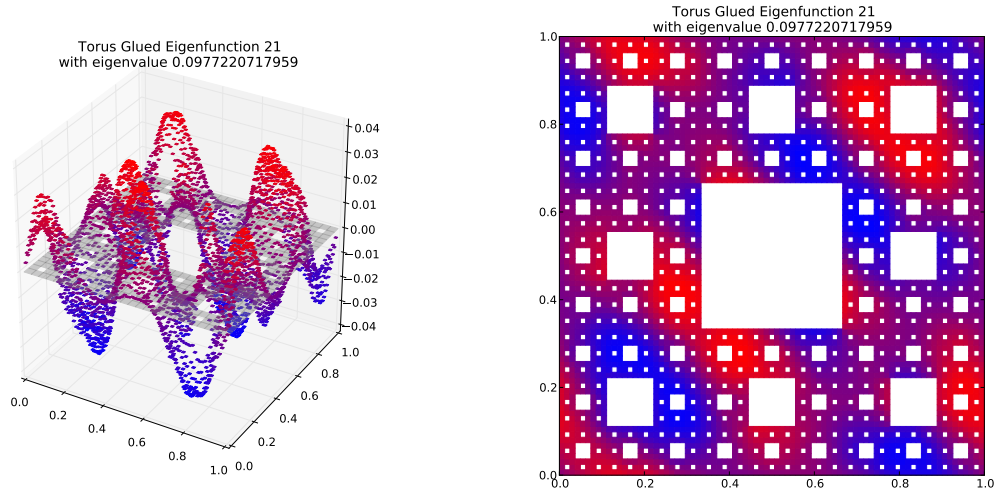
Eigenfunction 19 with eigenvalue 0.0974770946868



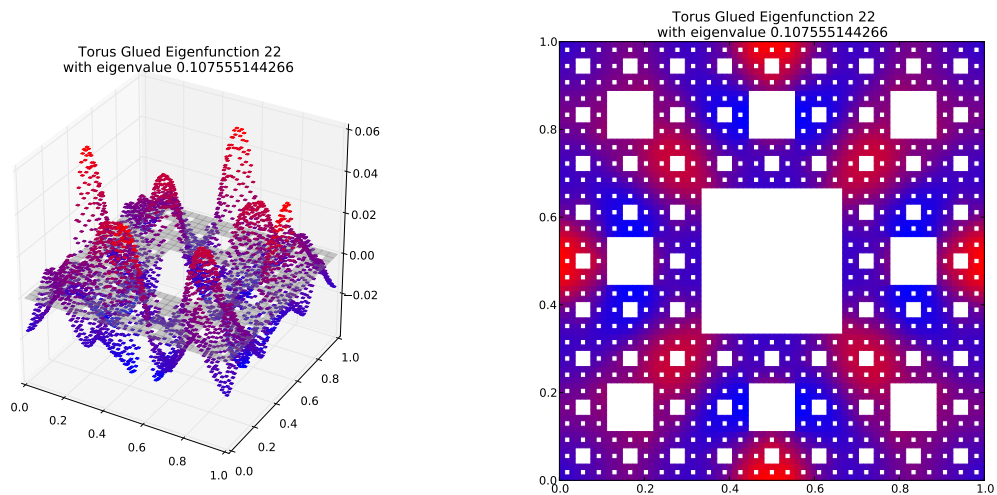
Eigenfunction 20 with eigenvalue 0.0977220717959



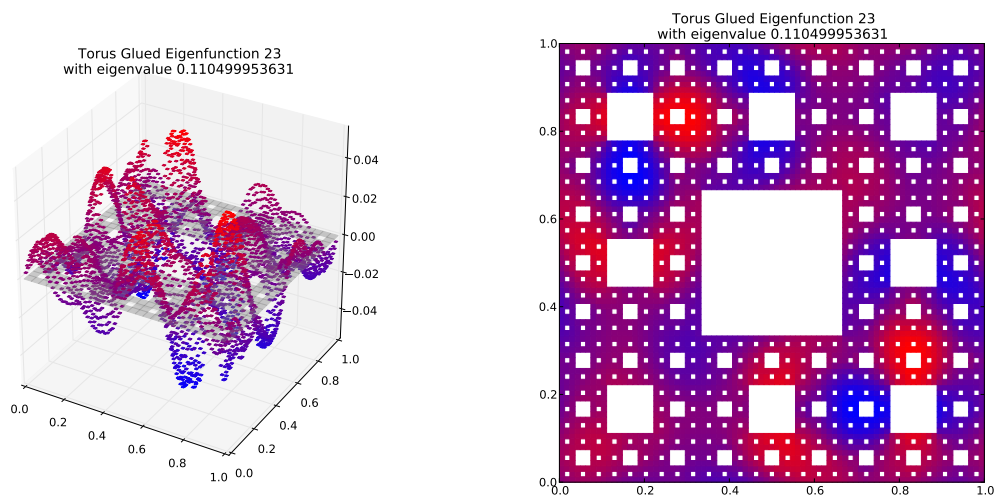
Eigenfunction 21 with eigenvalue 0.0977220717959



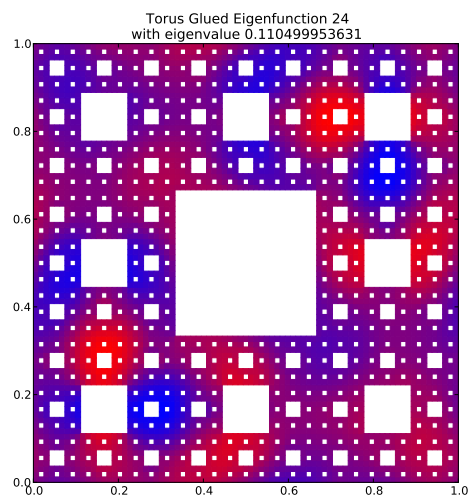
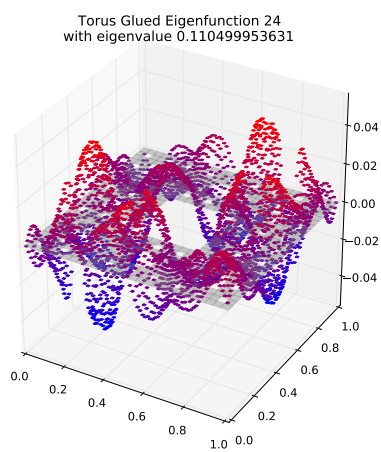
Eigenfunction 22 with eigenvalue 0.107555144266



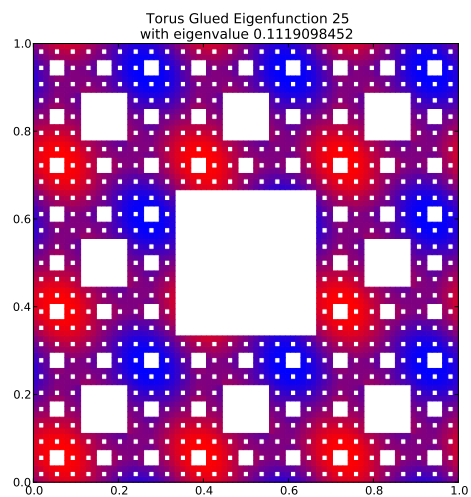
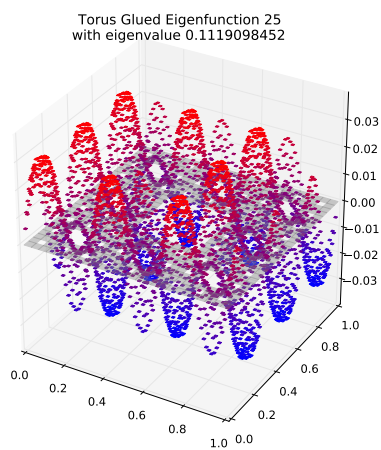
Eigenfunction 23 with eigenvalue 0.110499953631



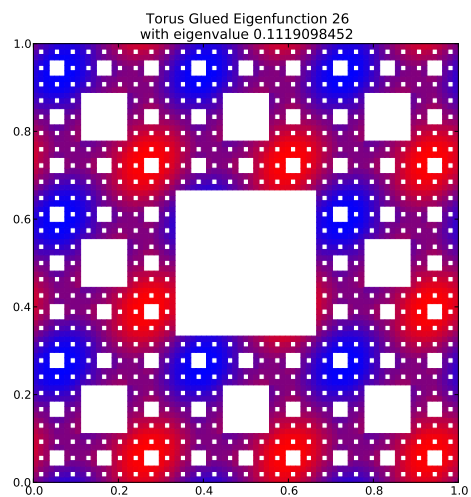
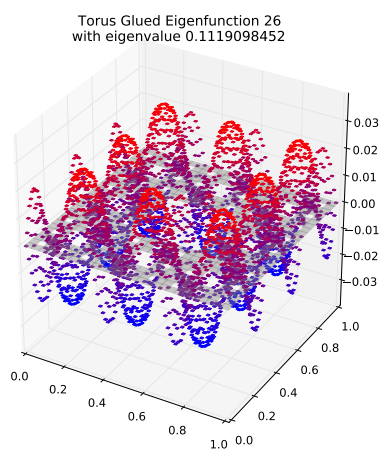
Eigenfunction 24 with eigenvalue 0.110499953631



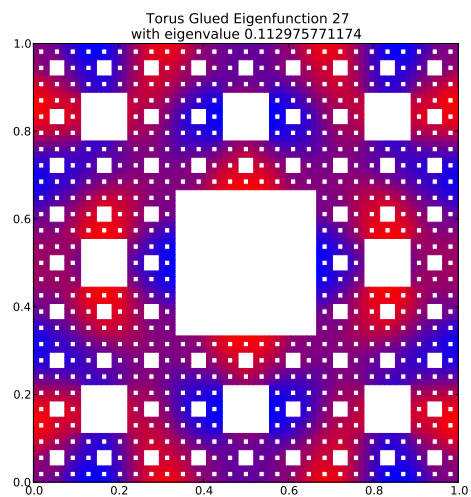
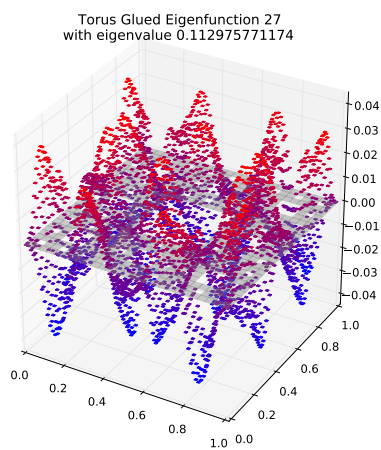
Eigenfunction 25 with eigenvalue 0.1119098452



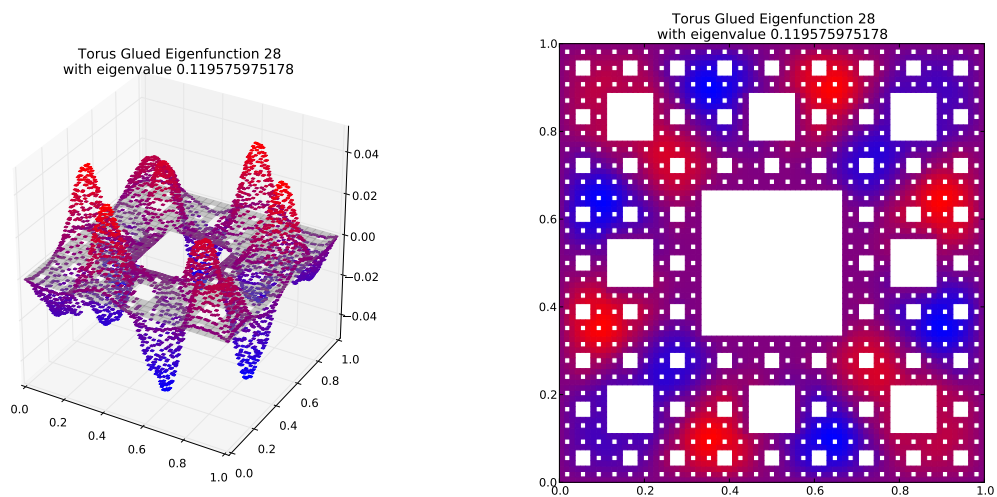
Eigenfunction 26 with eigenvalue 0.1119098452



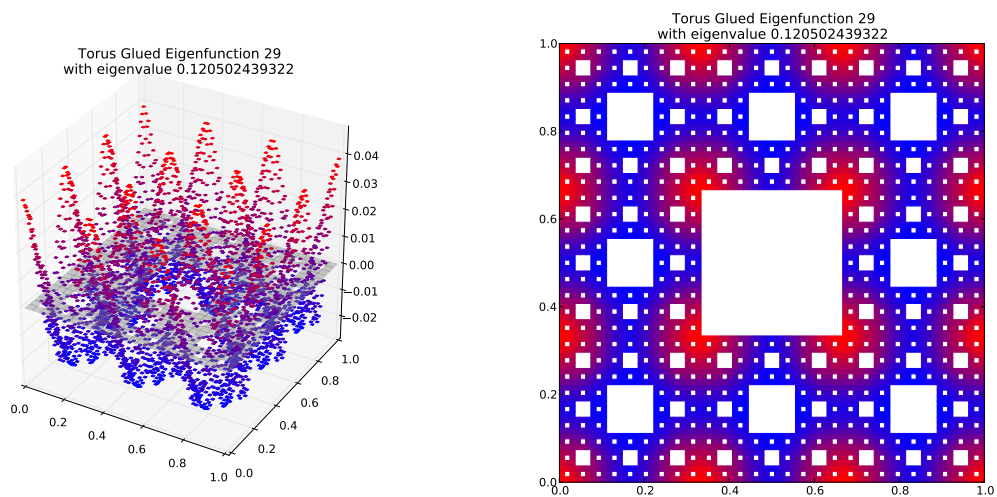
Eigenfunction 27 with eigenvalue 0.112975771174



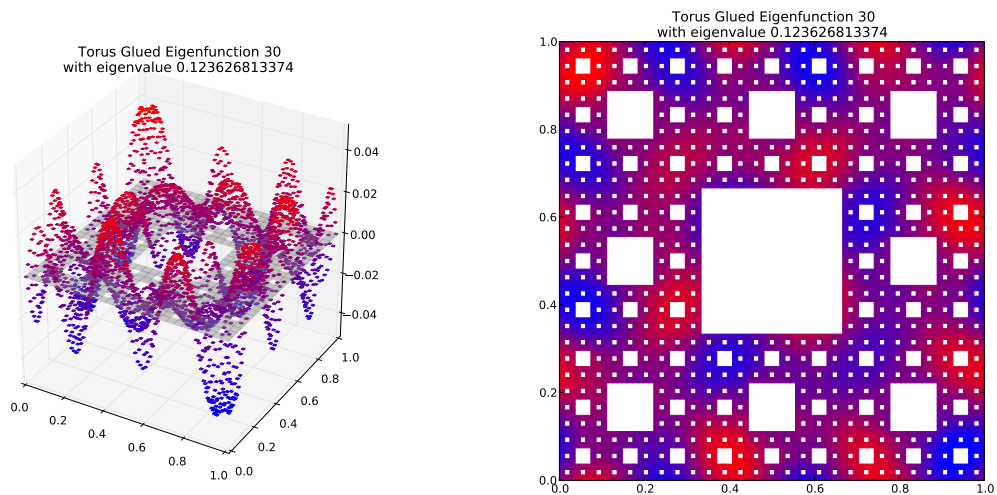
Eigenfunction 28 with eigenvalue 0.119575975178



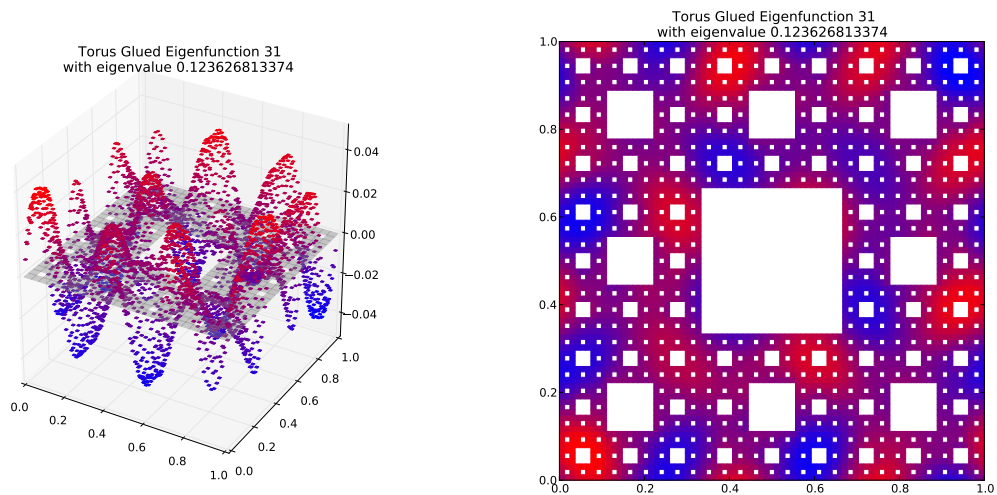
Eigenfunction 29 with eigenvalue 0.120502439322



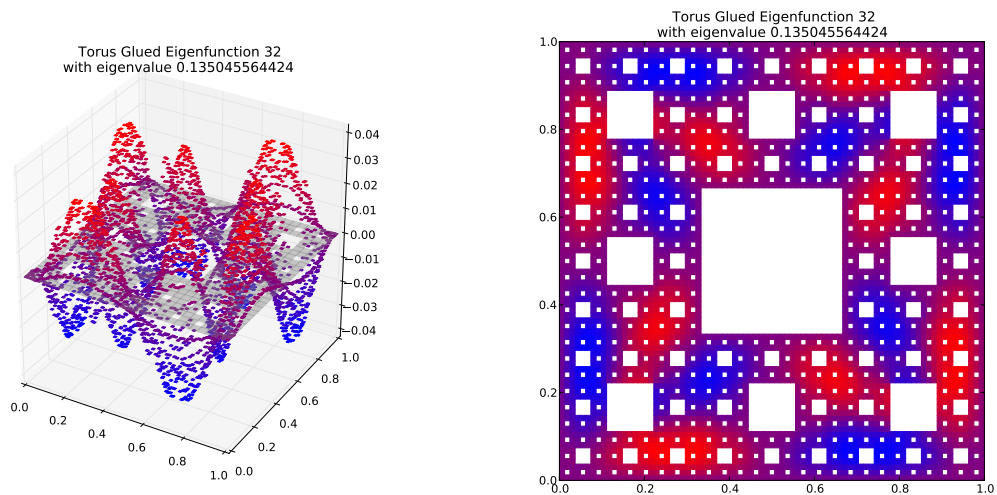
Eigenfunction 30 with eigenvalue 0.123626813374



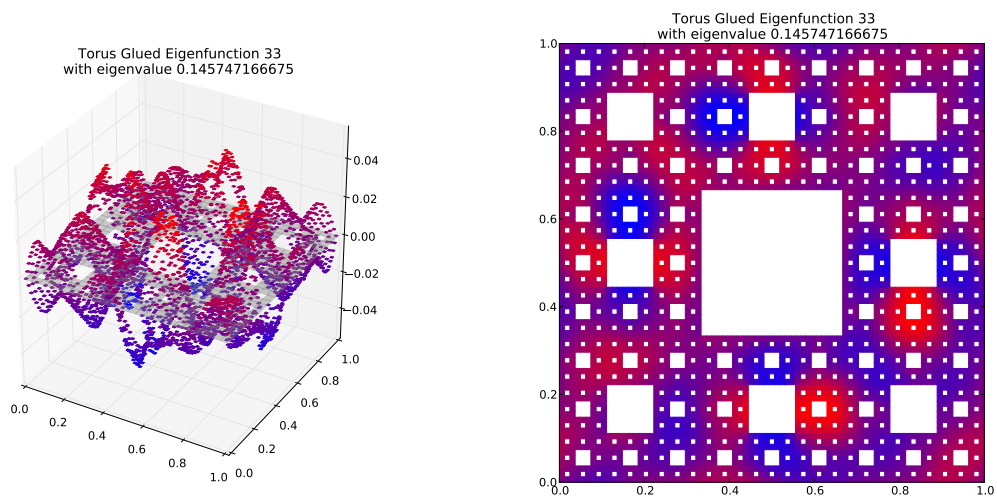
Eigenfunction 31 with eigenvalue 0.123626813374



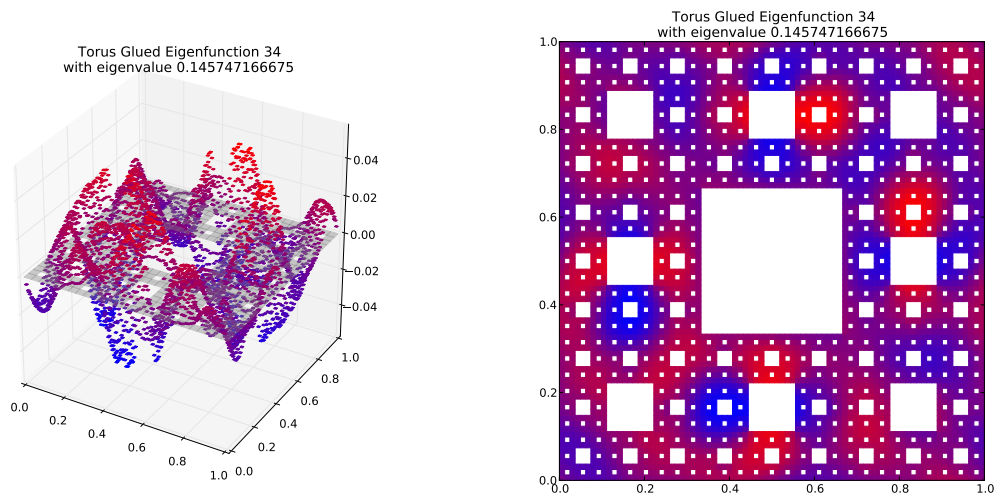
Eigenfunction 32 with eigenvalue 0.135045564424



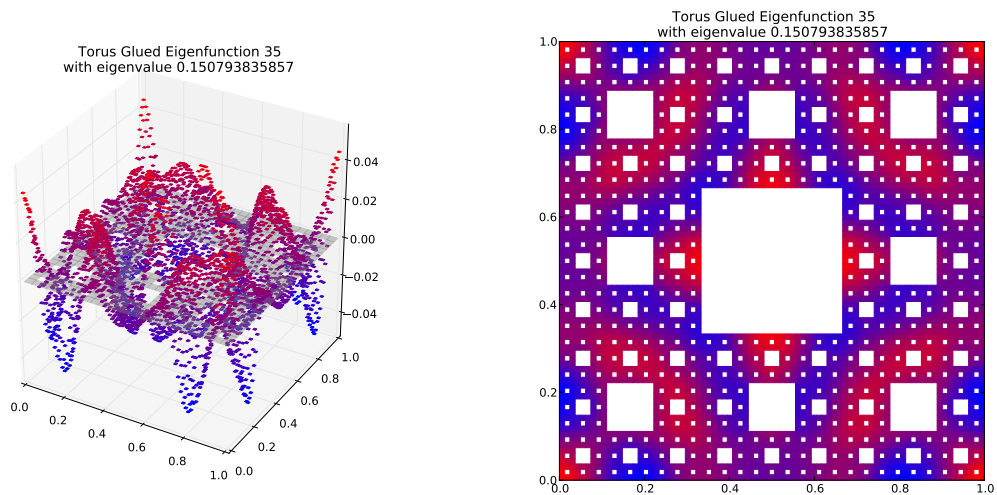
Eigenfunction 33 with eigenvalue 0.145747166675



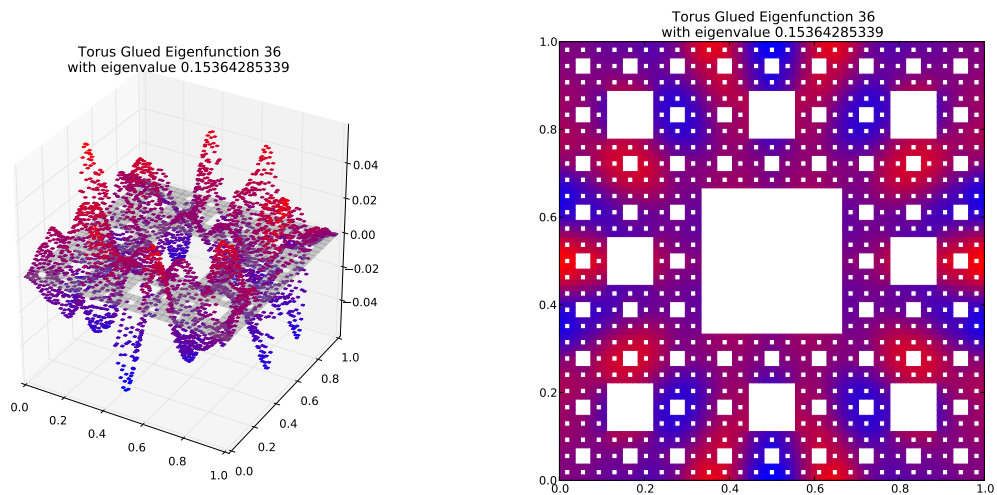
Eigenfunction 34 with eigenvalue 0.145747166675



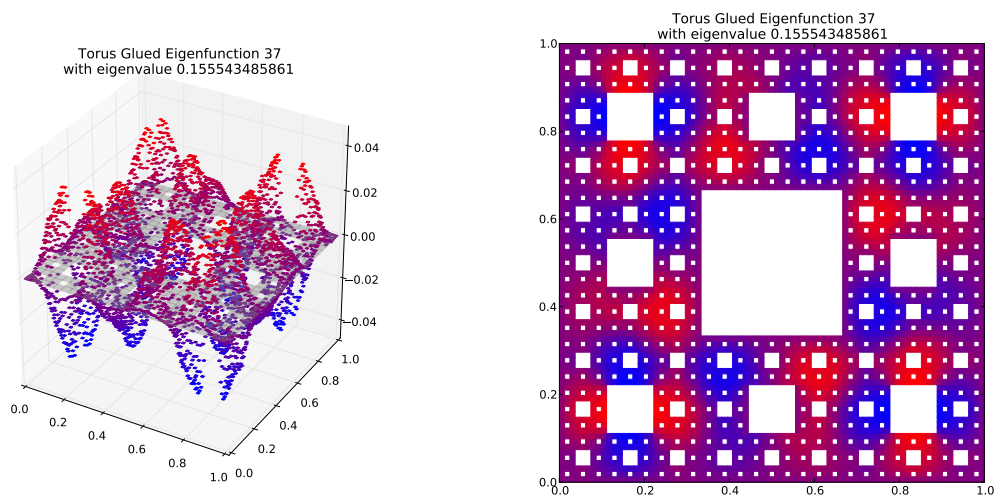
Eigenfunction 35 with eigenvalue 0.150793835857



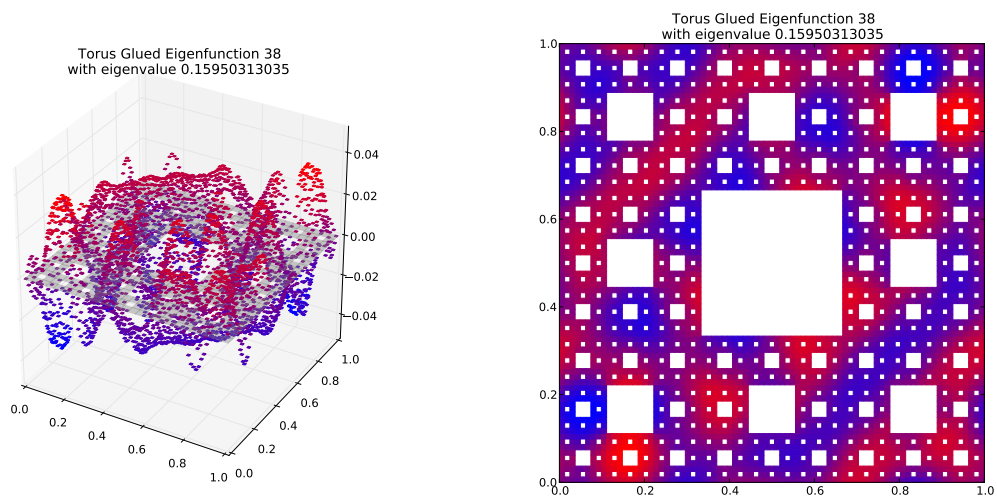
Eigenfunction 36 with eigenvalue 0.15364285339



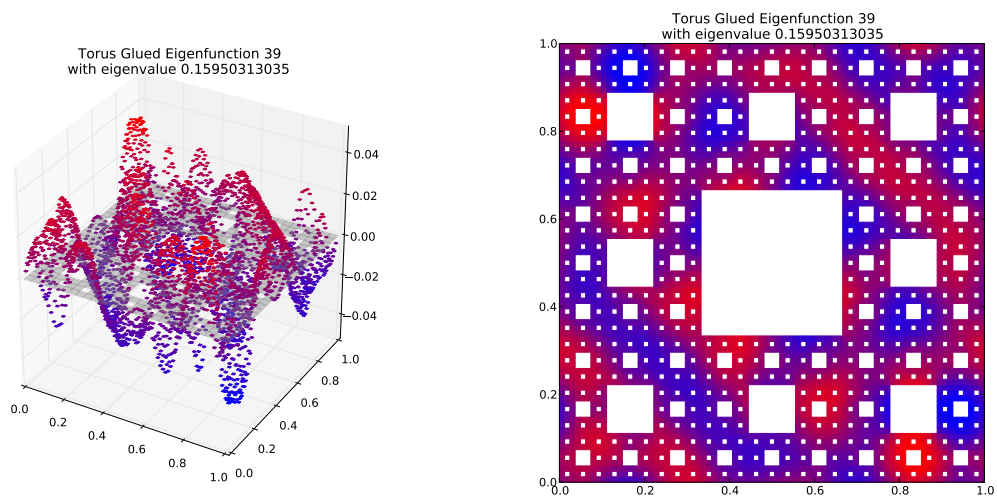
Eigenfunction 37 with eigenvalue 0.155543485861



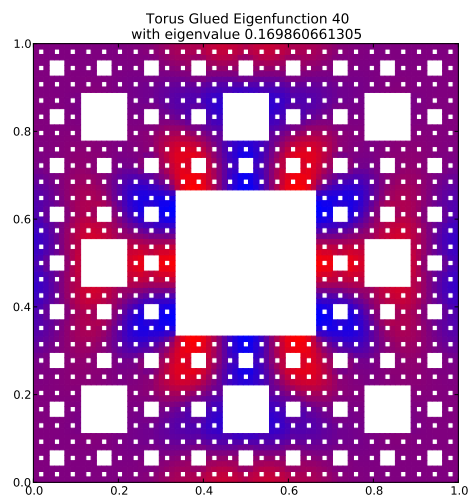
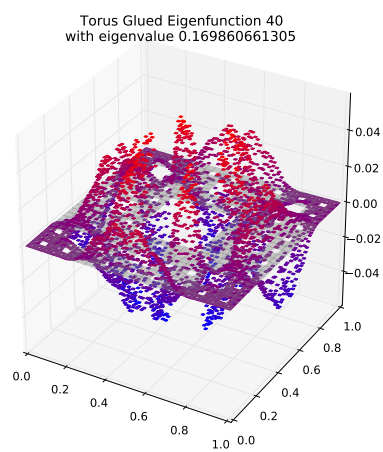
Eigenfunction 38 with eigenvalue 0.15950313035



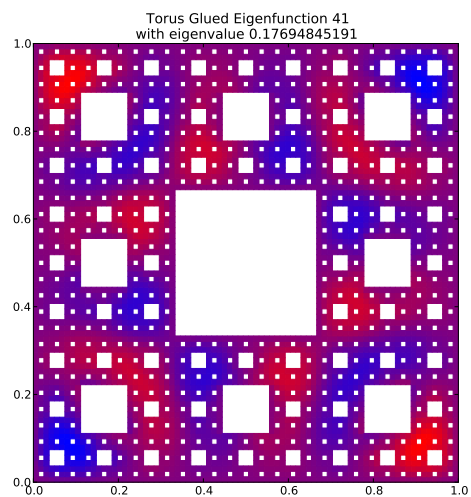
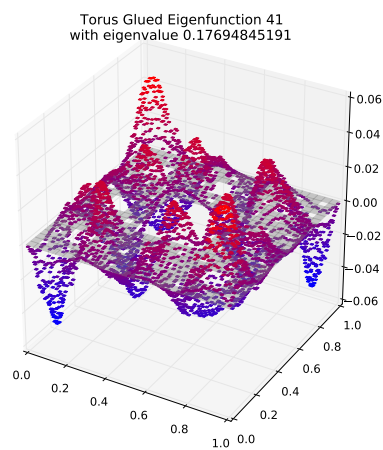
Eigenfunction 39 with eigenvalue 0.15950313035



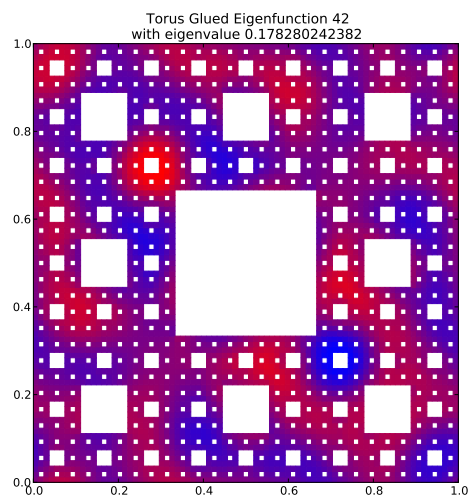
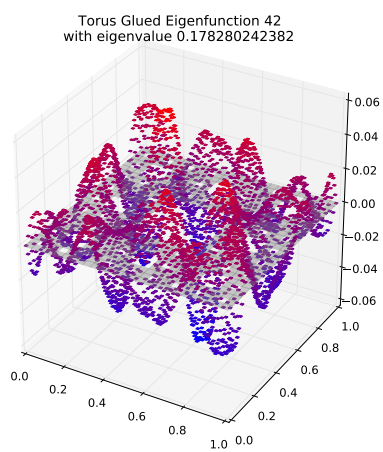
Eigenfunction 40 with eigenvalue 0.169860661305



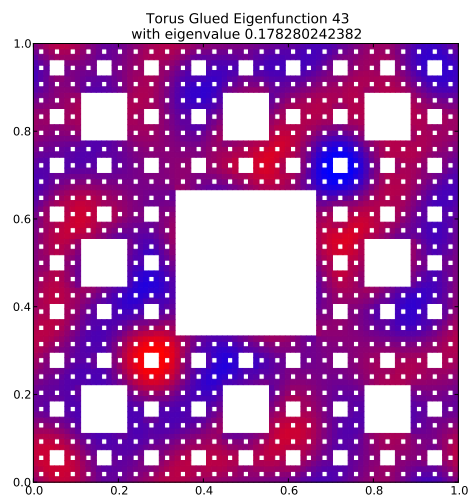
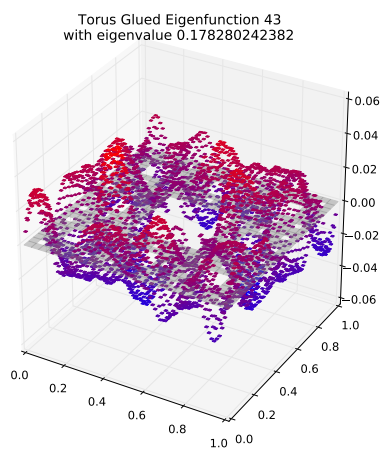
Eigenfunction 41 with eigenvalue 0.17694845191



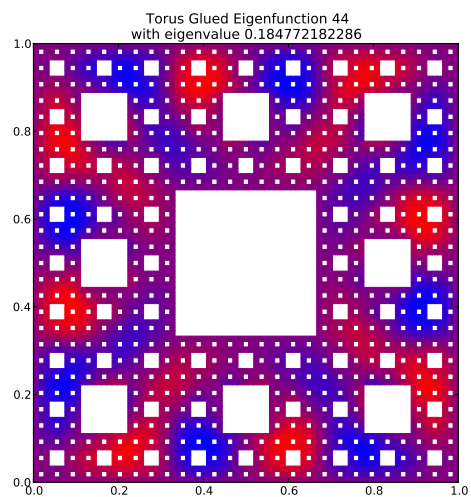
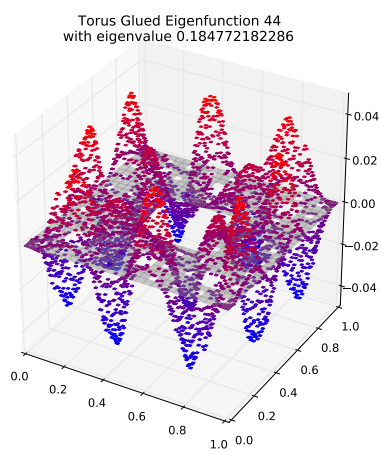
Eigenfunction 42 with eigenvalue 0.178280242382



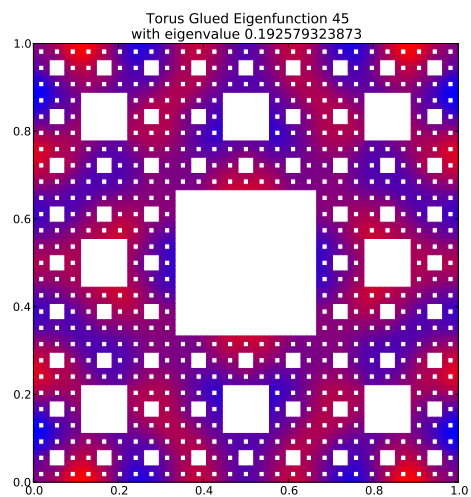
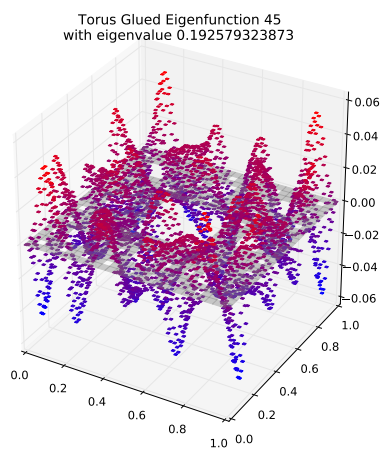
Eigenfunction 43 with eigenvalue 0.178280242382



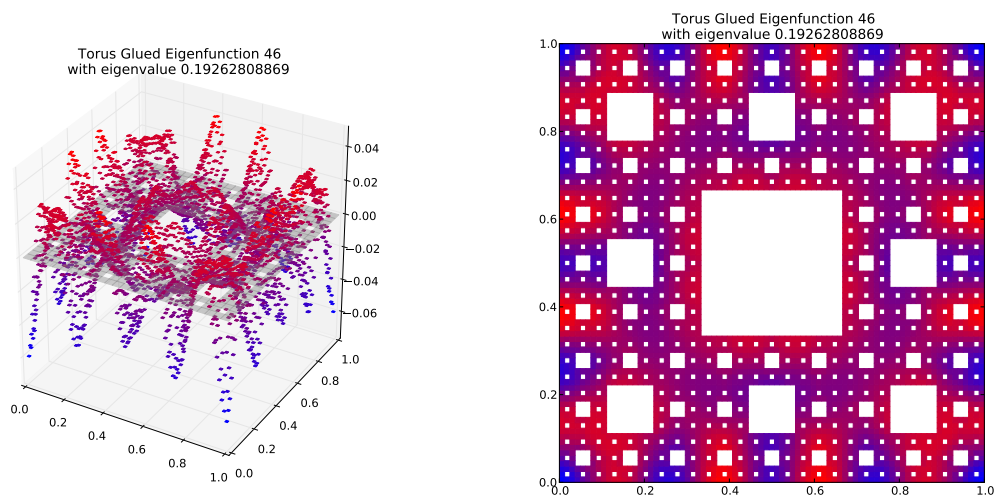
Eigenfunction 44 with eigenvalue 0.184772182286



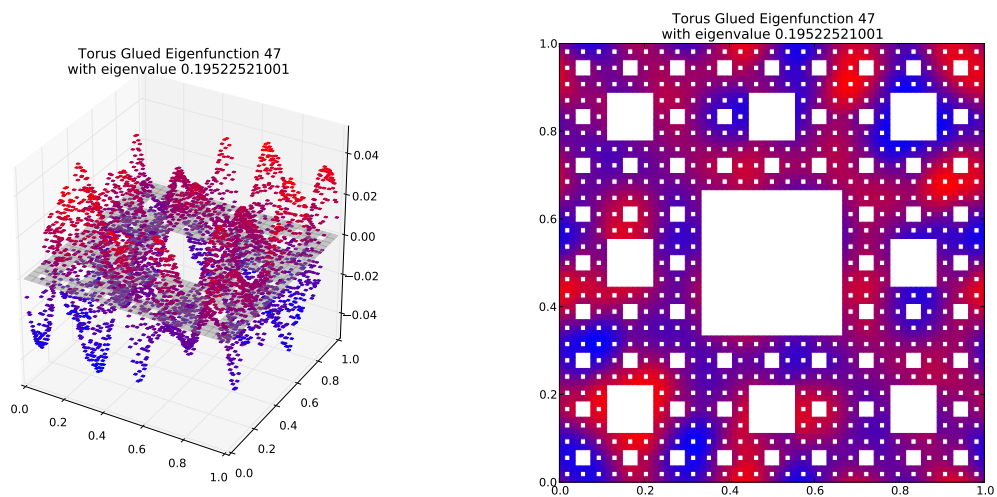
Eigenfunction 45 with eigenvalue 0.192579323873



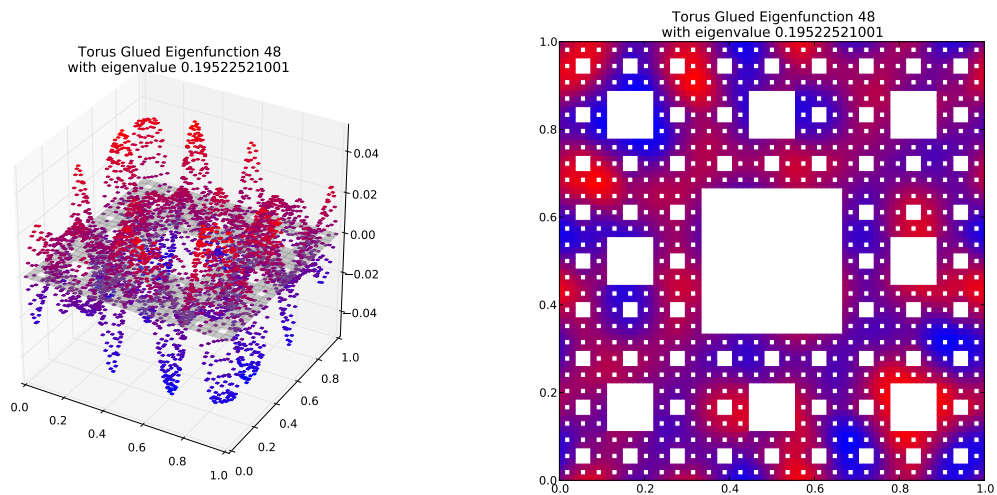
Eigenfunction 46 with eigenvalue 0.19262808869



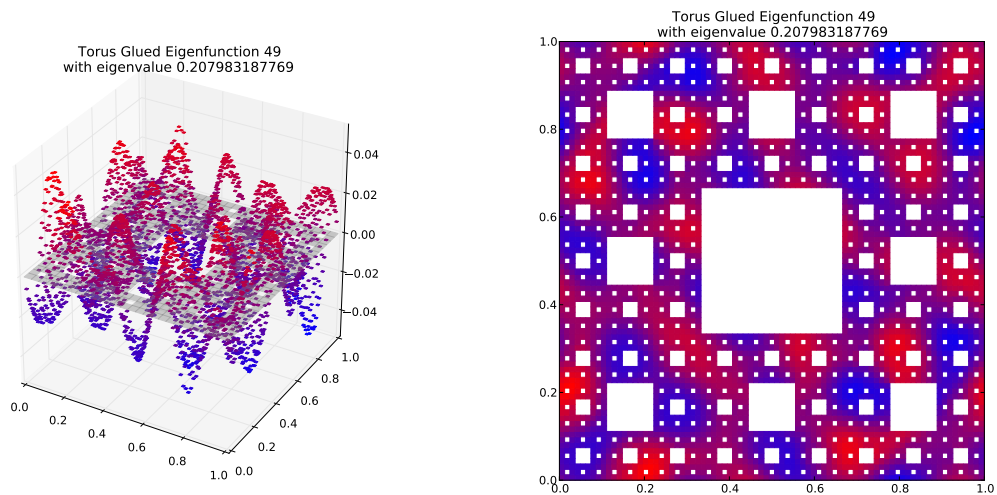
Eigenfunction 47 with eigenvalue 0.19522521001



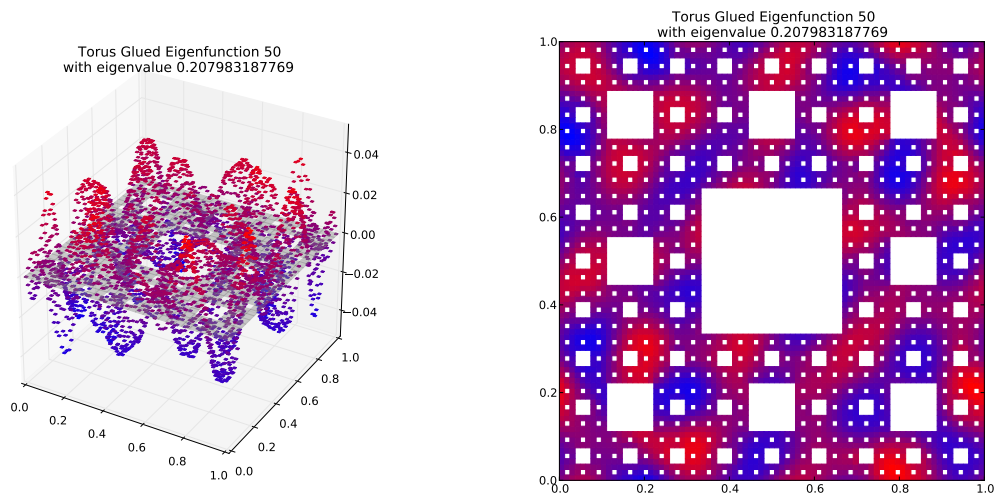
Eigenfunction 48 with eigenvalue 0.19522521001



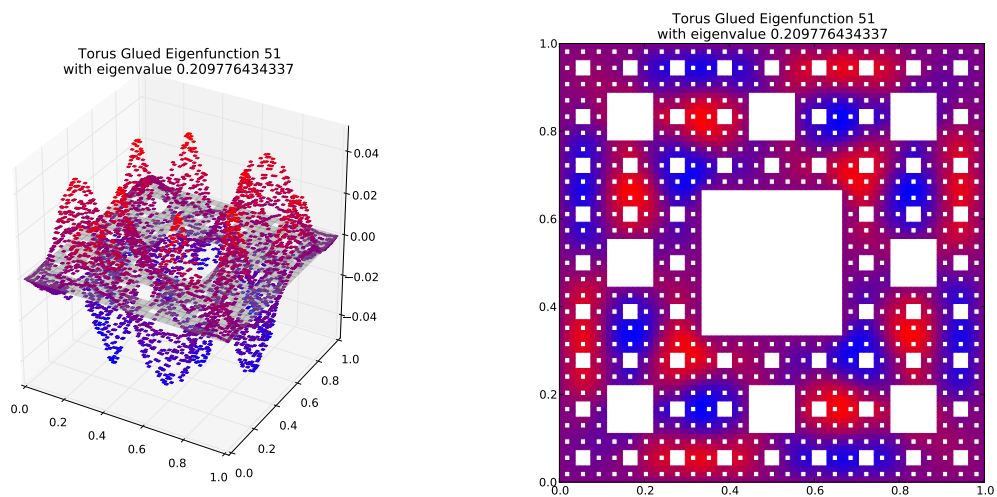
Eigenfunction 49 with eigenvalue 0.207983187769



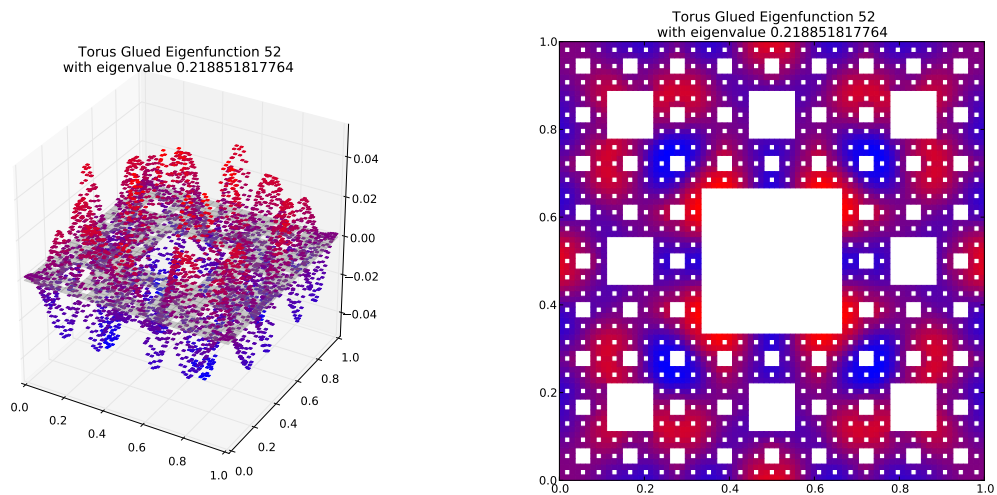
Eigenfunction 50 with eigenvalue 0.207983187769



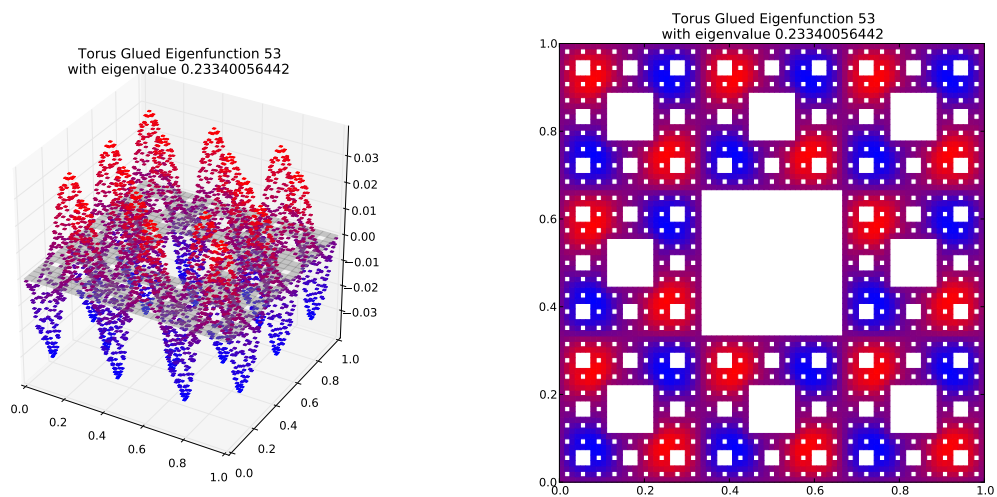
Eigenfunction 51 with eigenvalue 0.209776434337



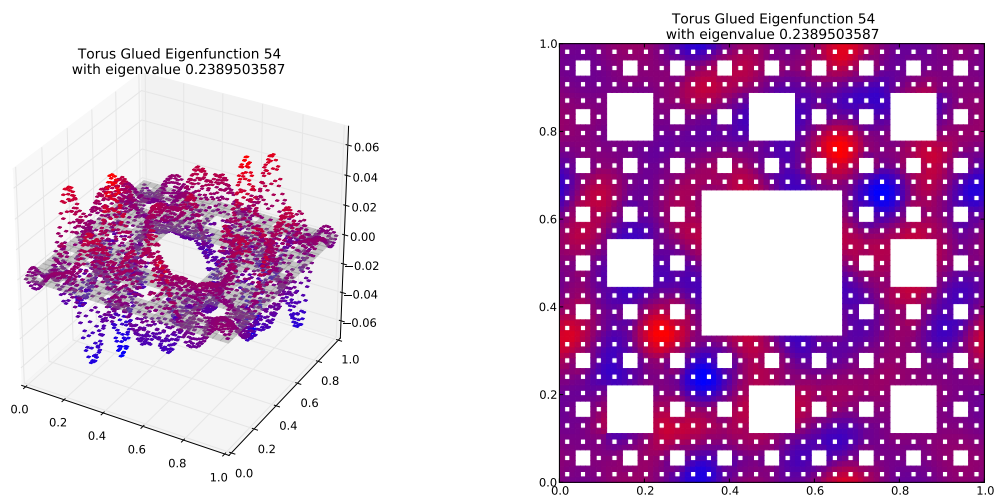
Eigenfunction 52 with eigenvalue 0.218851817764



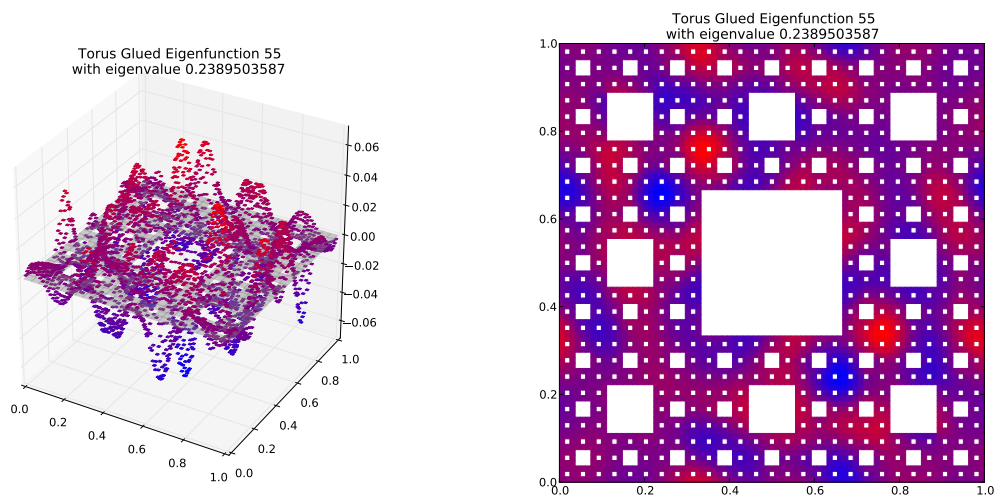
Eigenfunction 53 with eigenvalue 0.23340056442



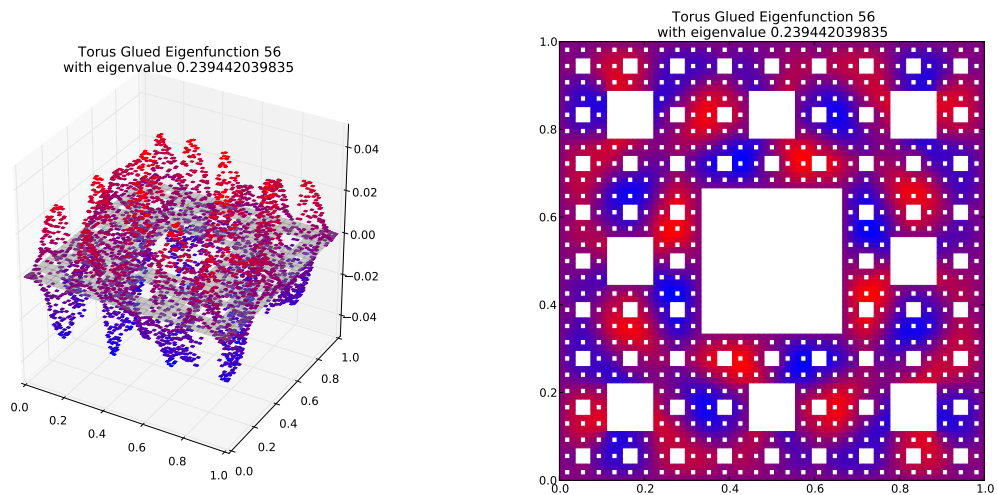
Eigenfunction 54 with eigenvalue 0.2389503587



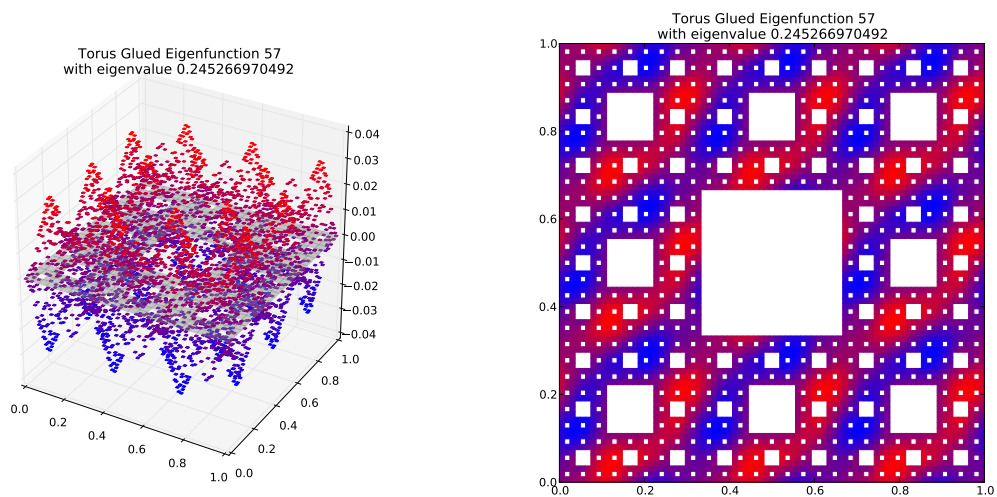
Eigenfunction 55 with eigenvalue 0.2389503587



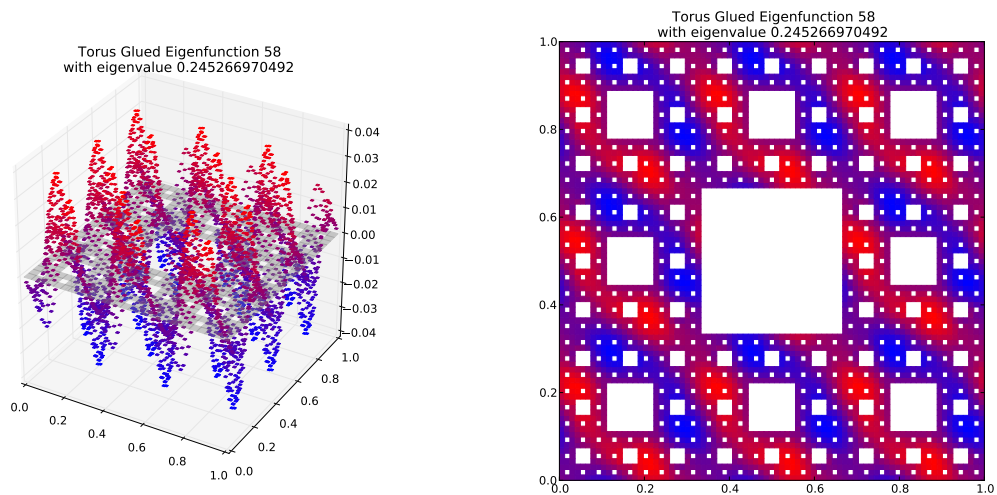
Eigenfunction 56 with eigenvalue 0.239442039835



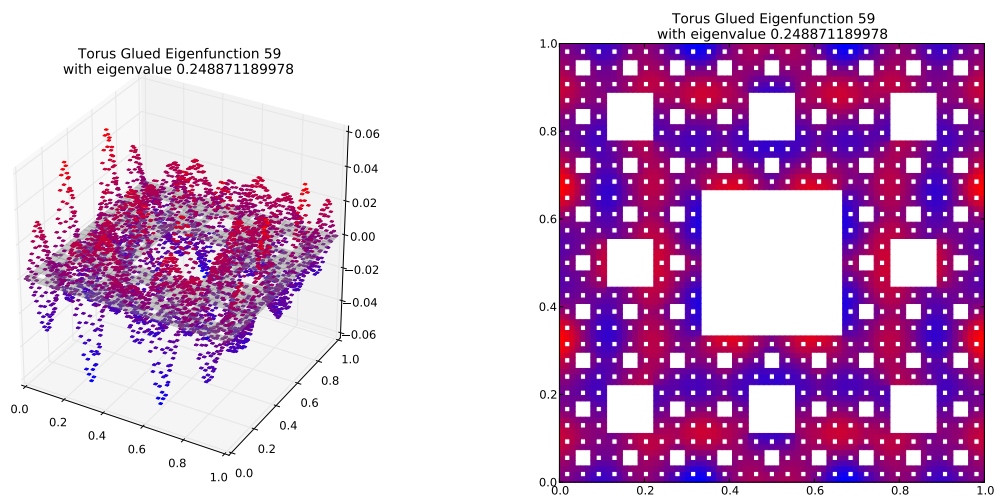
Eigenfunction 57 with eigenvalue 0.245266970492



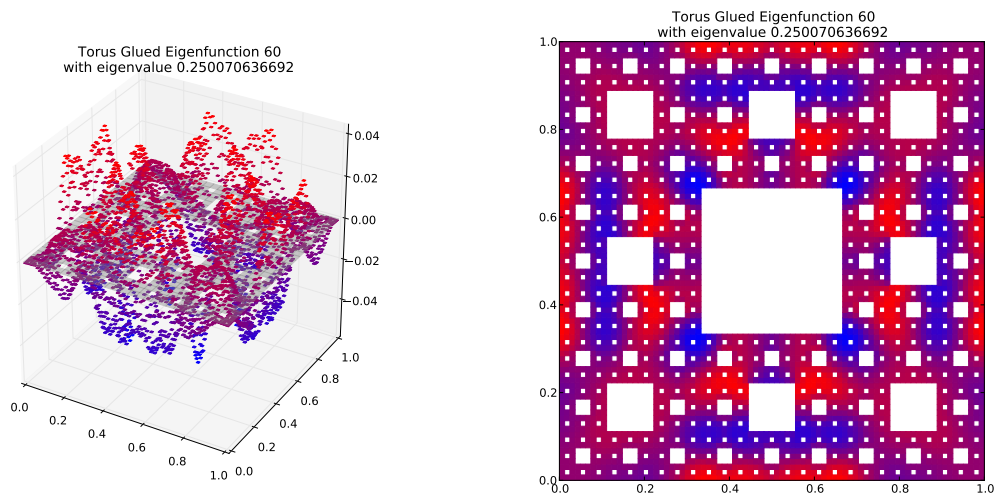
Eigenfunction 58 with eigenvalue 0.245266970492



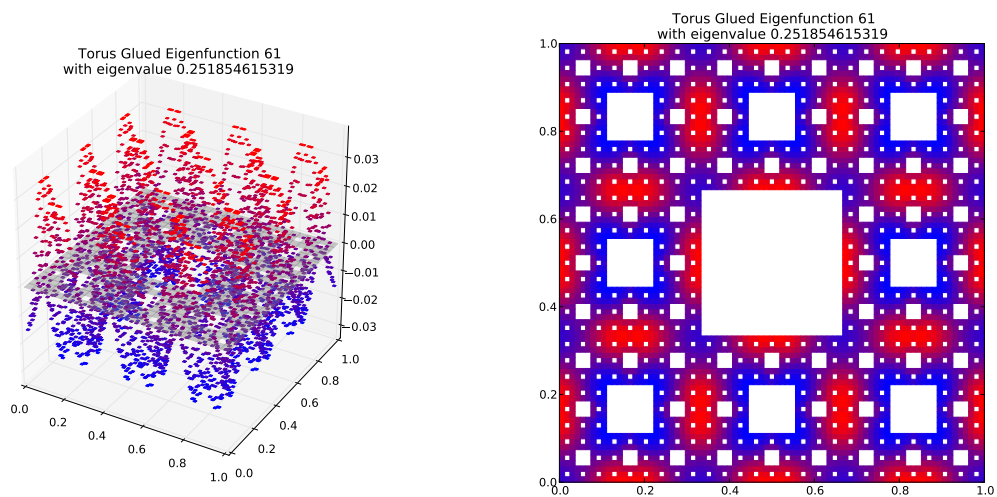
Eigenfunction 59 with eigenvalue 0.248871189978



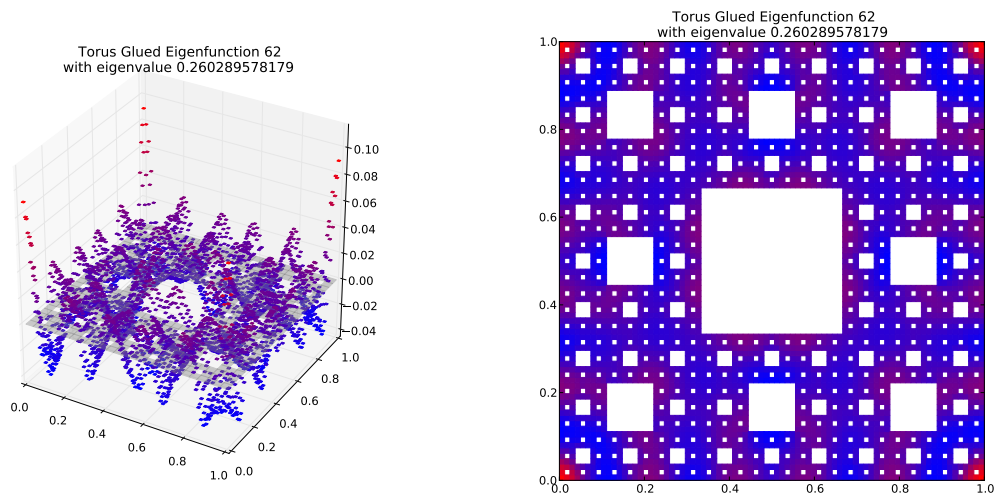
Eigenfunction 60 with eigenvalue 0.250070636692



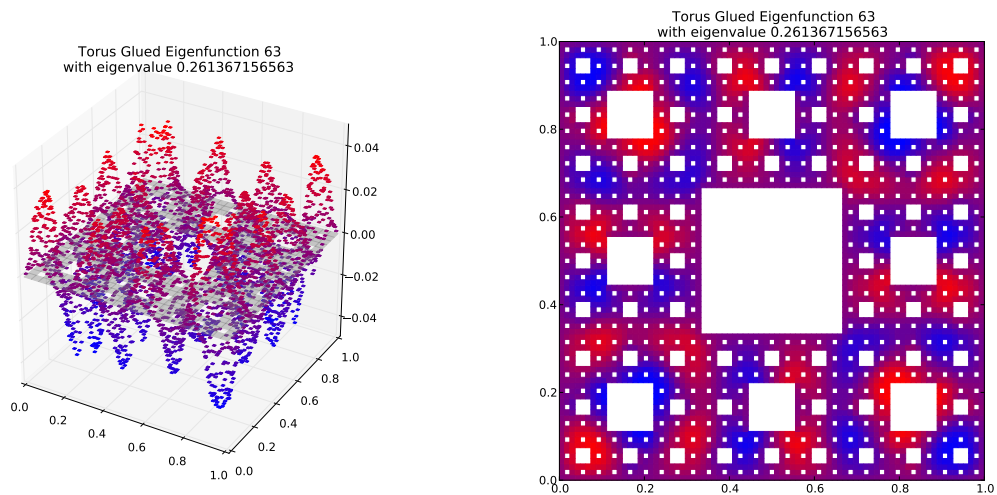
Eigenfunction 61 with eigenvalue 0.251854615319



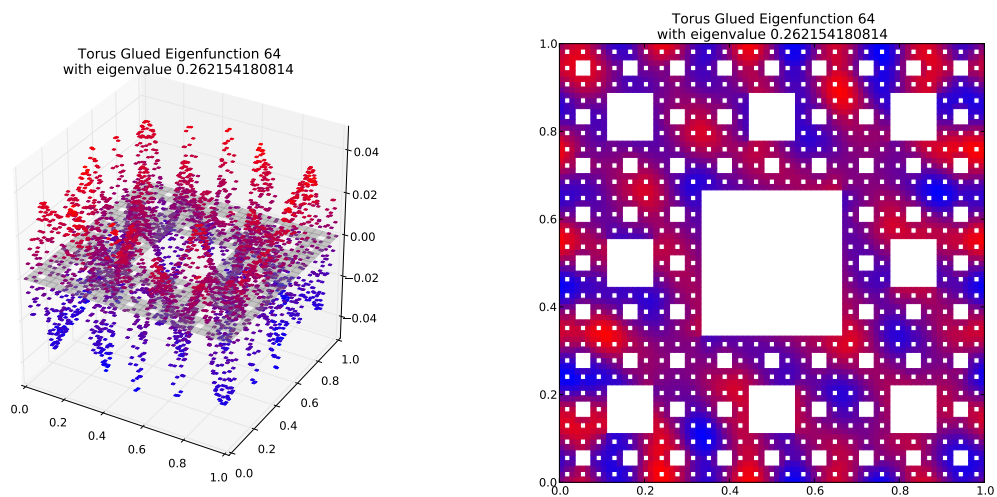
Eigenfunction 62 with eigenvalue 0.260289578179



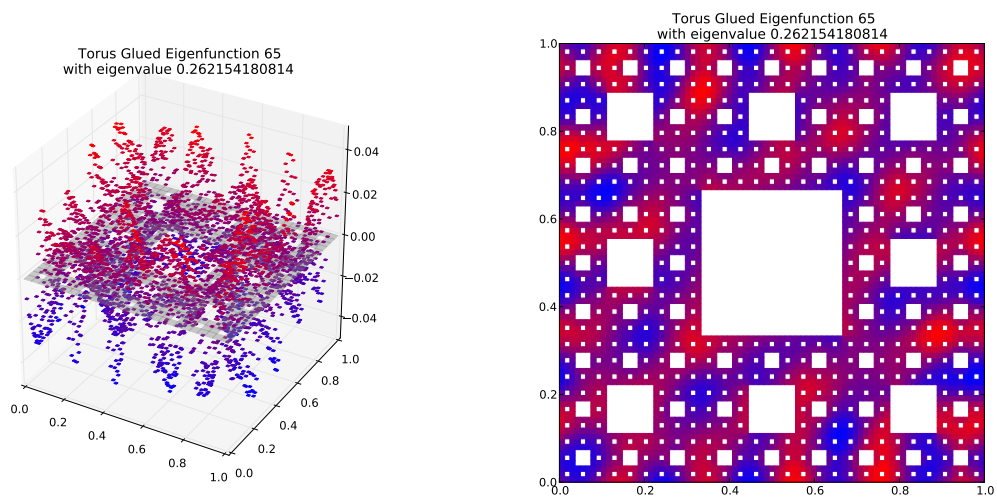
Eigenfunction 63 with eigenvalue 0.261367156563



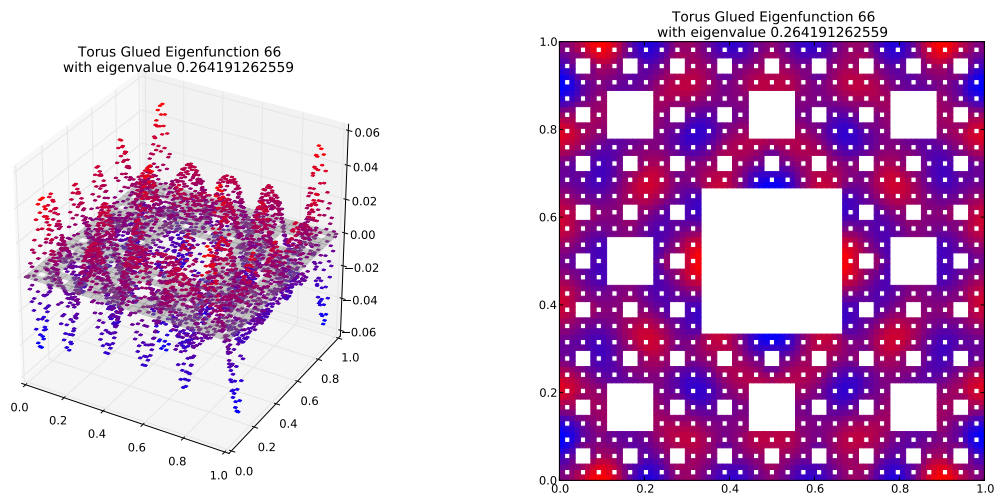
Eigenfunction 64 with eigenvalue 0.262154180814



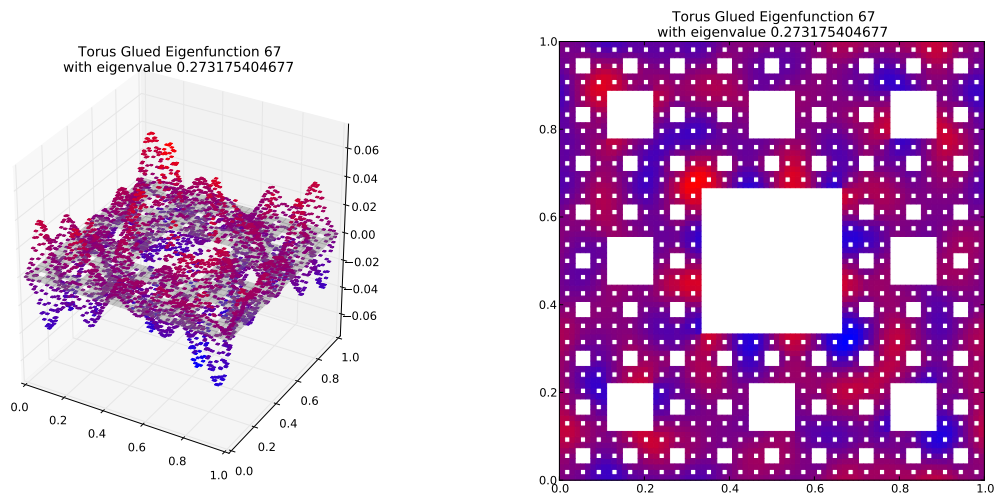
Eigenfunction 65 with eigenvalue 0.262154180814



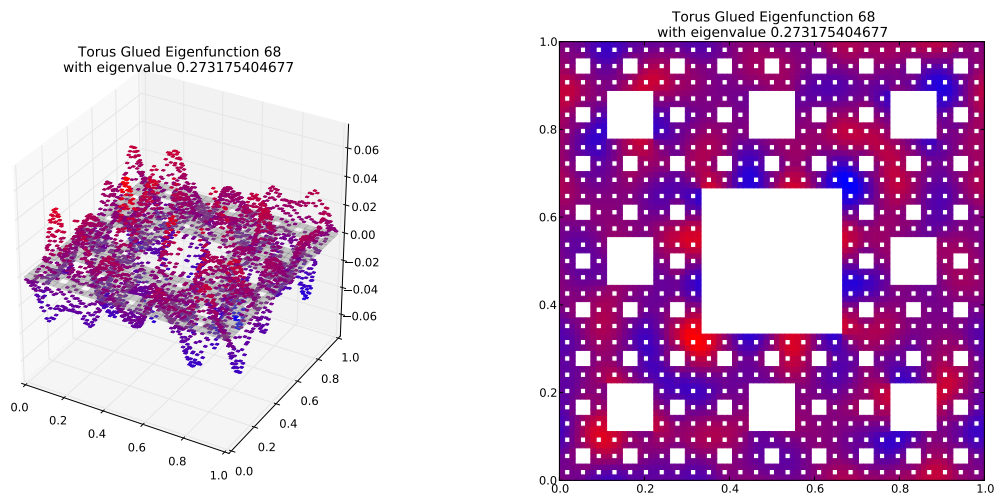
Eigenfunction 66 with eigenvalue 0.264191262559



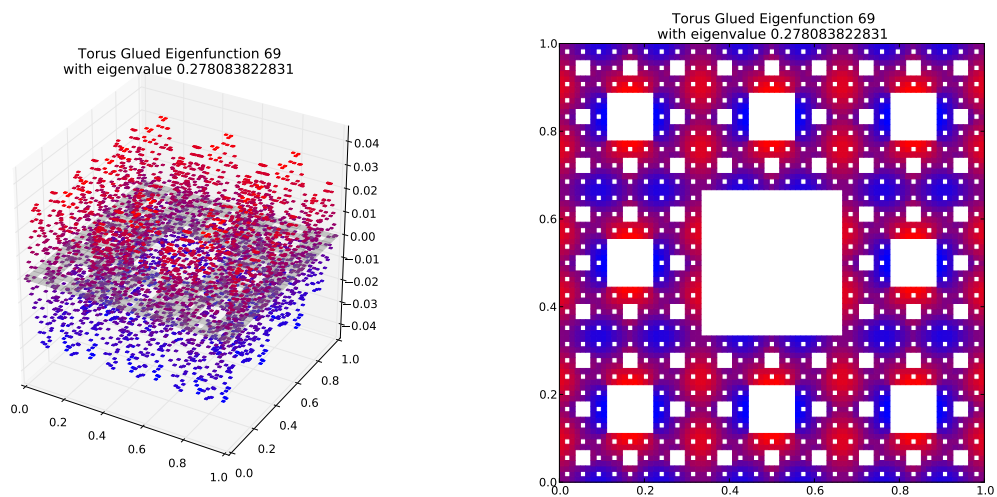
Eigenfunction 67 with eigenvalue 0.273175404677



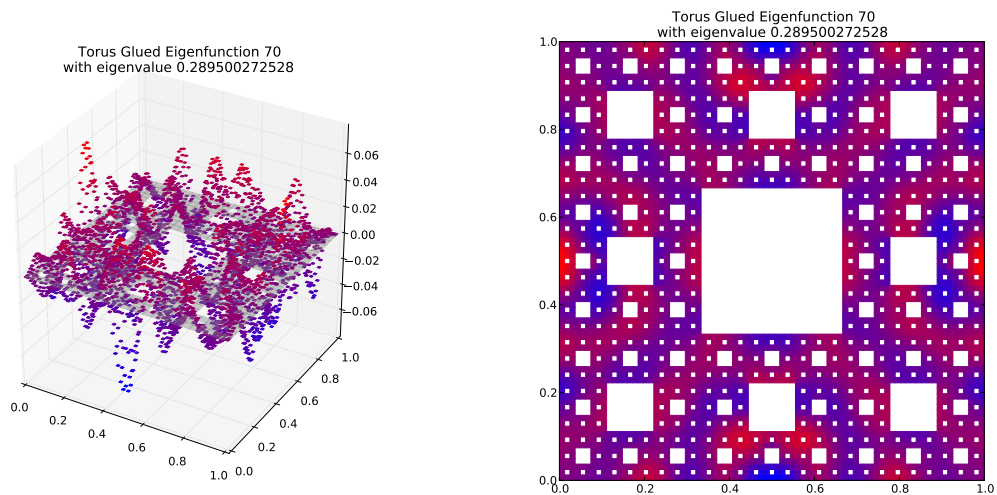
Eigenfunction 68 with eigenvalue 0.273175404677



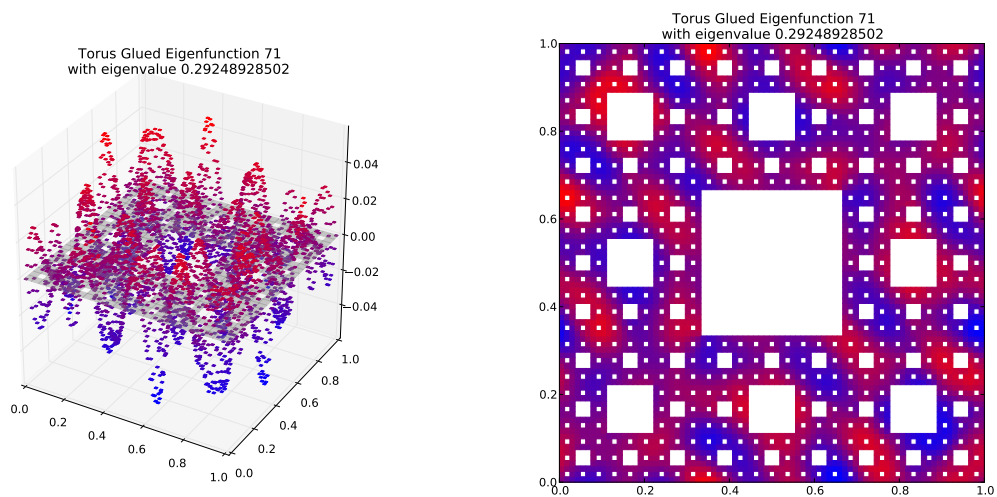
Eigenfunction 69 with eigenvalue 0.278083822831



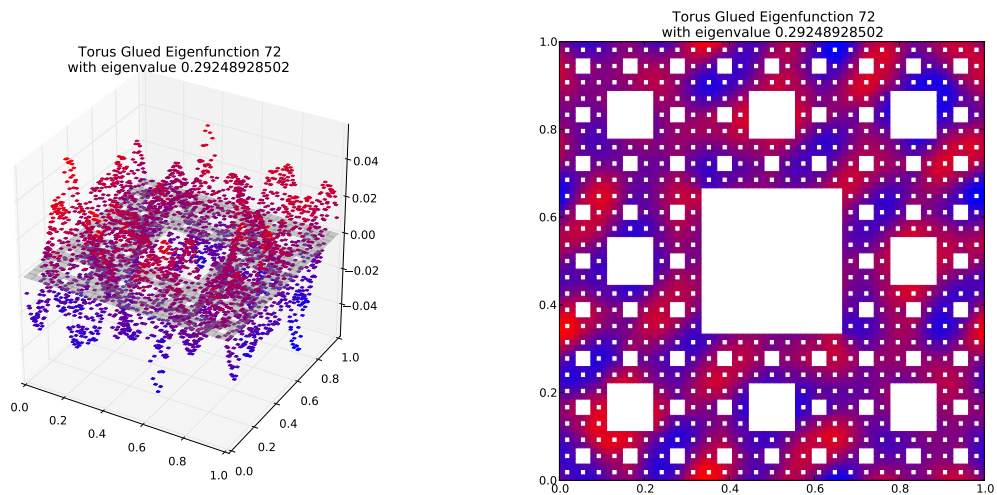
Eigenfunction 70 with eigenvalue 0.289500272528



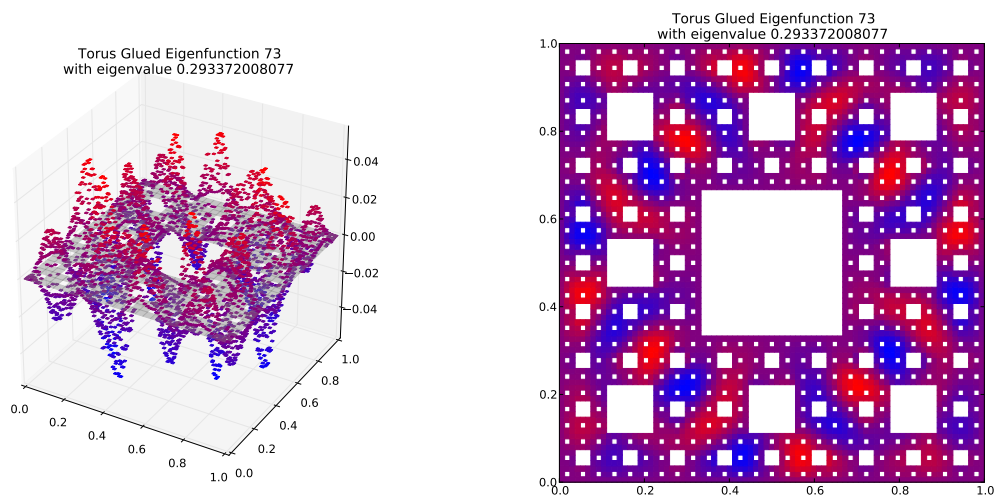
Eigenfunction 71 with eigenvalue 0.29248928502



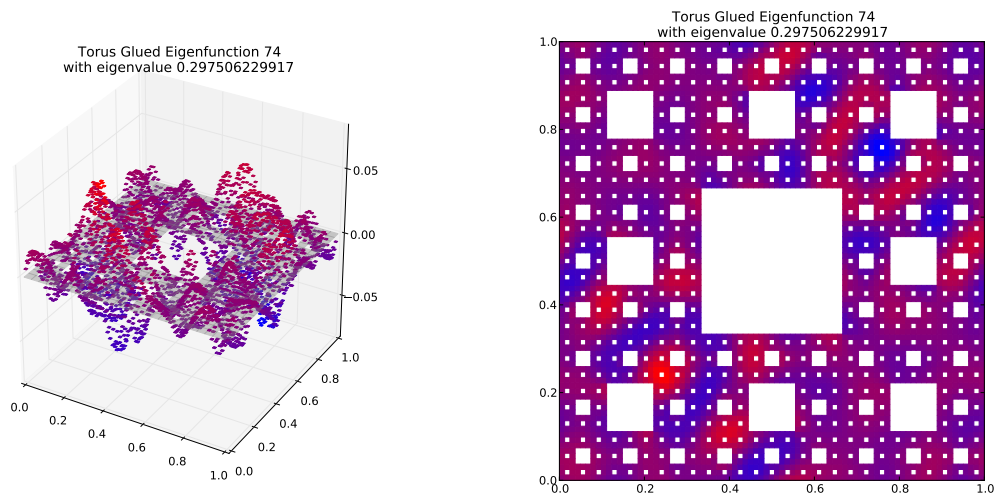
Eigenfunction 72 with eigenvalue 0.29248928502



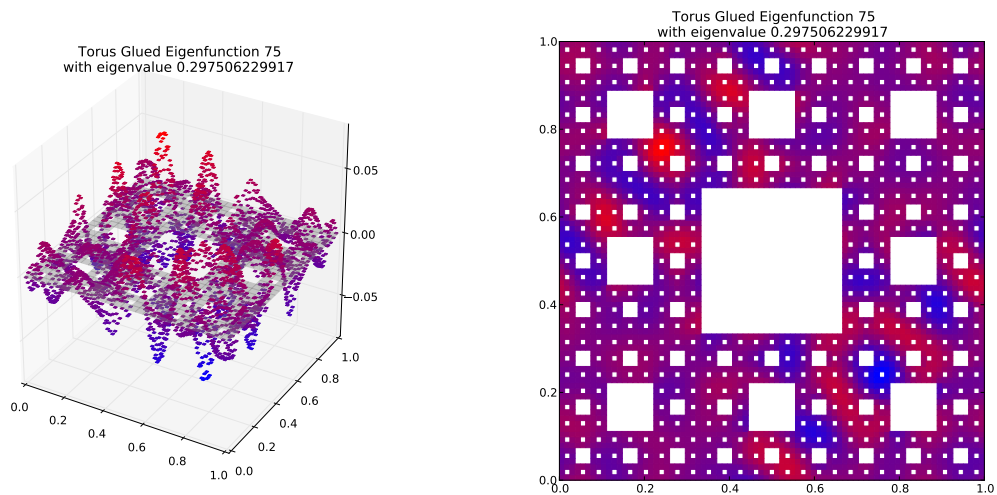
Eigenfunction 73 with eigenvalue 0.293372008077



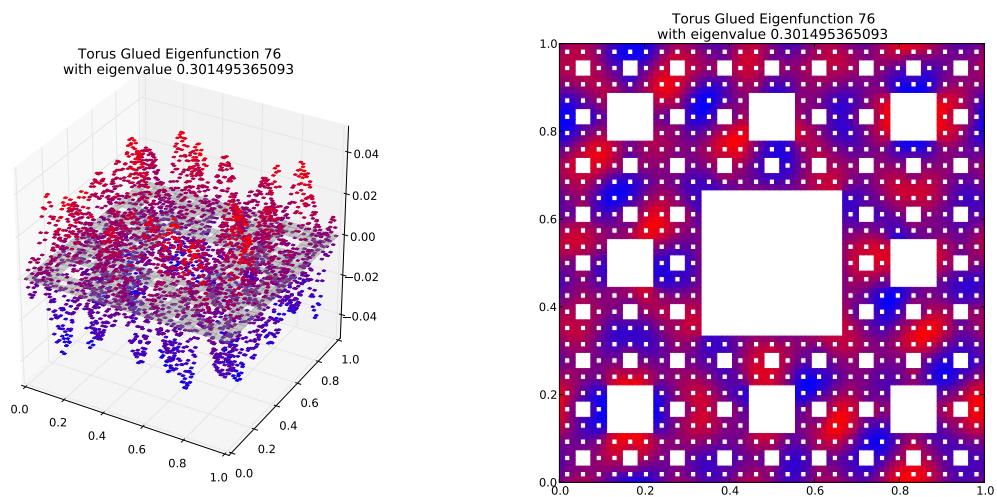
Eigenfunction 74 with eigenvalue 0.297506229917



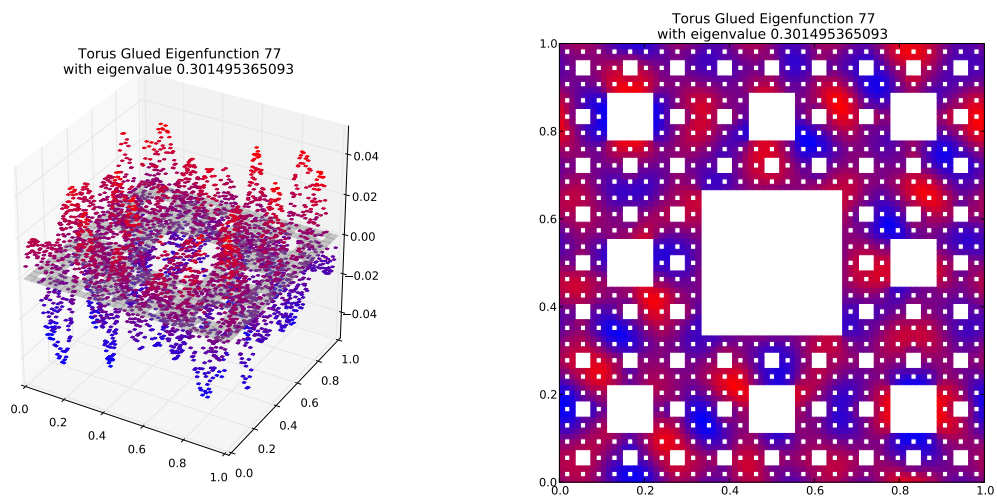
Eigenfunction 75 with eigenvalue 0.297506229917



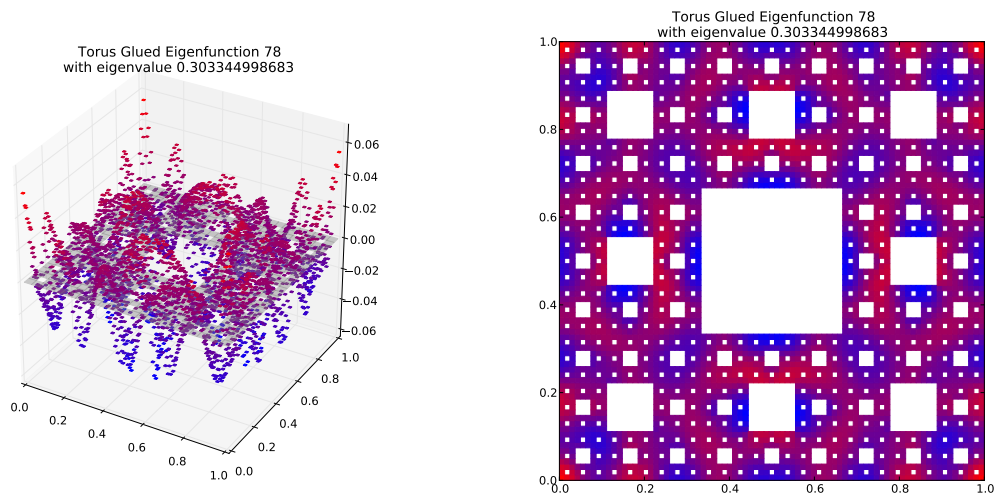
Eigenfunction 76 with eigenvalue 0.301495365093



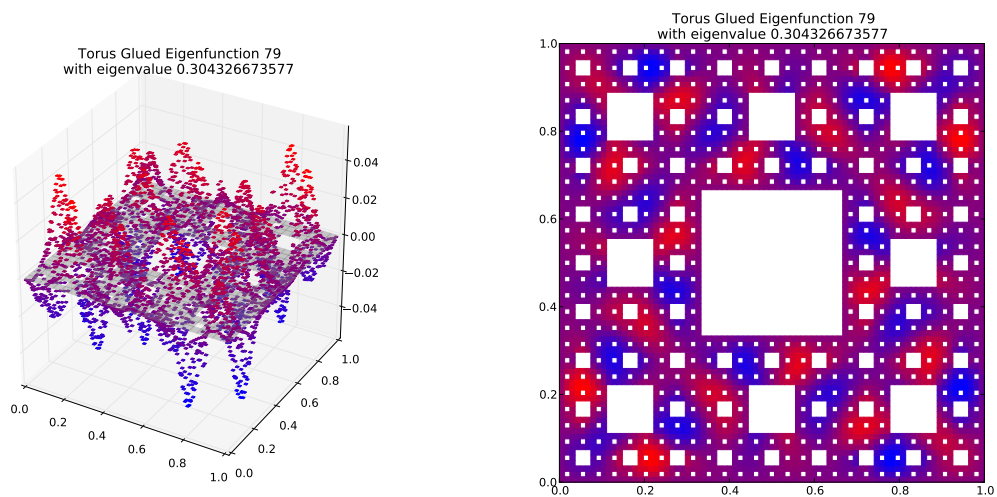
Eigenfunction 77 with eigenvalue 0.301495365093



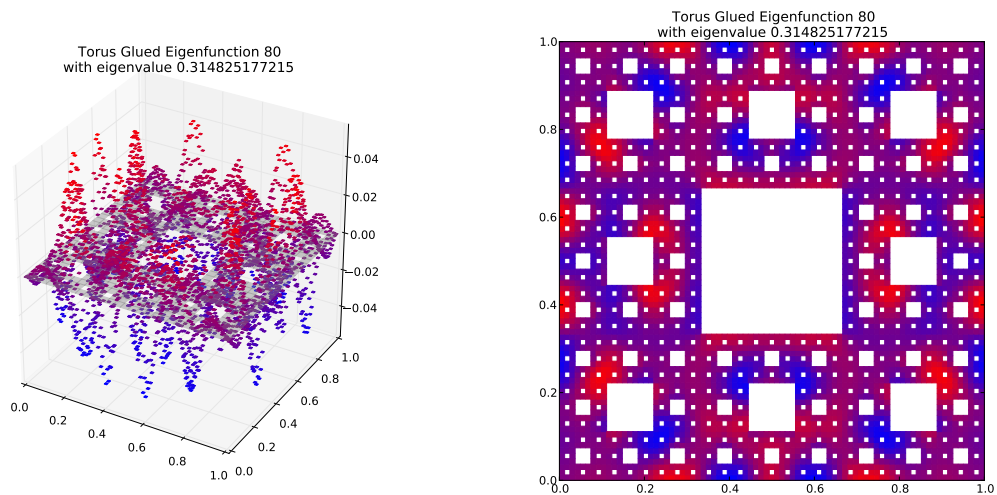
Eigenfunction 78 with eigenvalue 0.303344998683



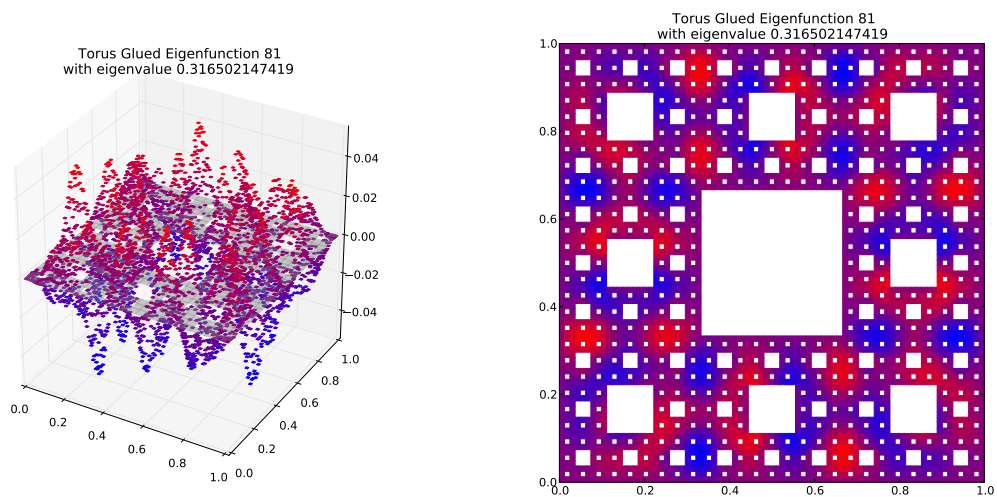
Eigenfunction 79 with eigenvalue 0.304326673577



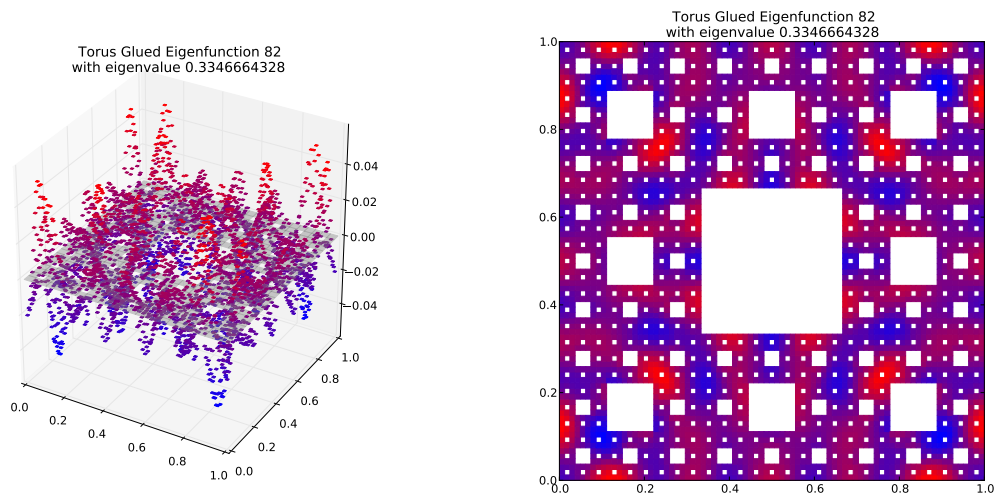
Eigenfunction 80 with eigenvalue 0.314825177215



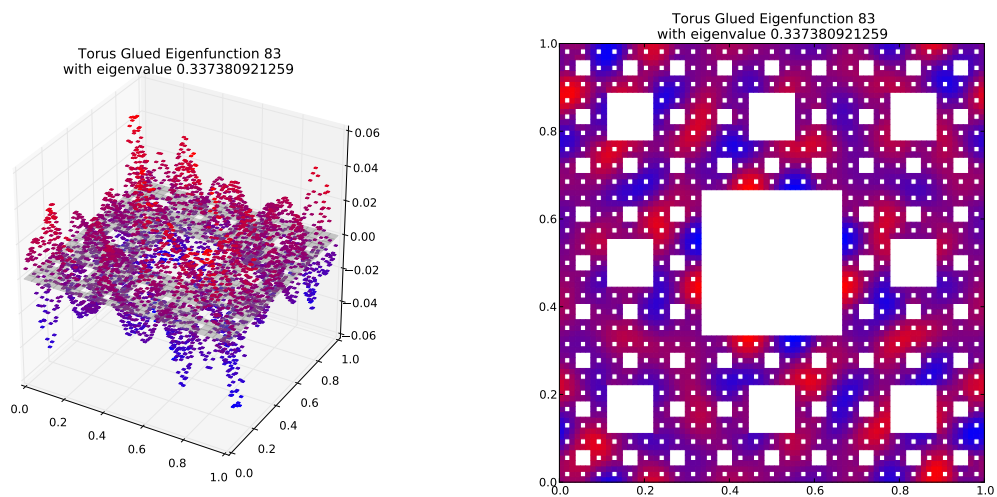
Eigenfunction 81 with eigenvalue 0.316502147419



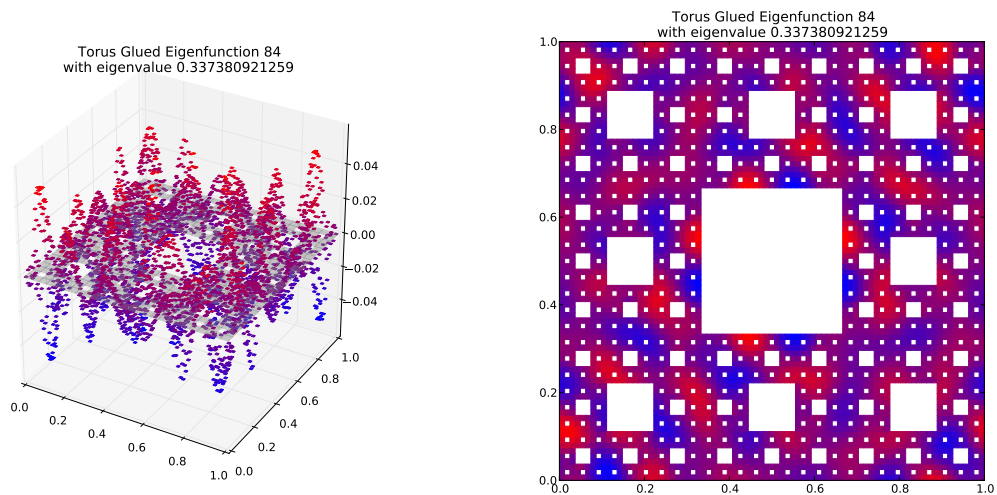
Eigenfunction 82 with eigenvalue 0.3346664328



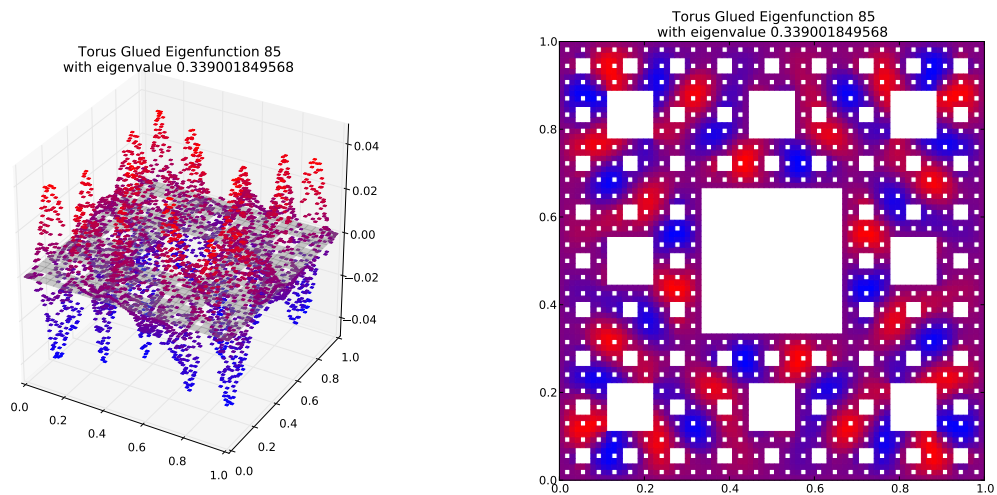
Eigenfunction 83 with eigenvalue 0.337380921259



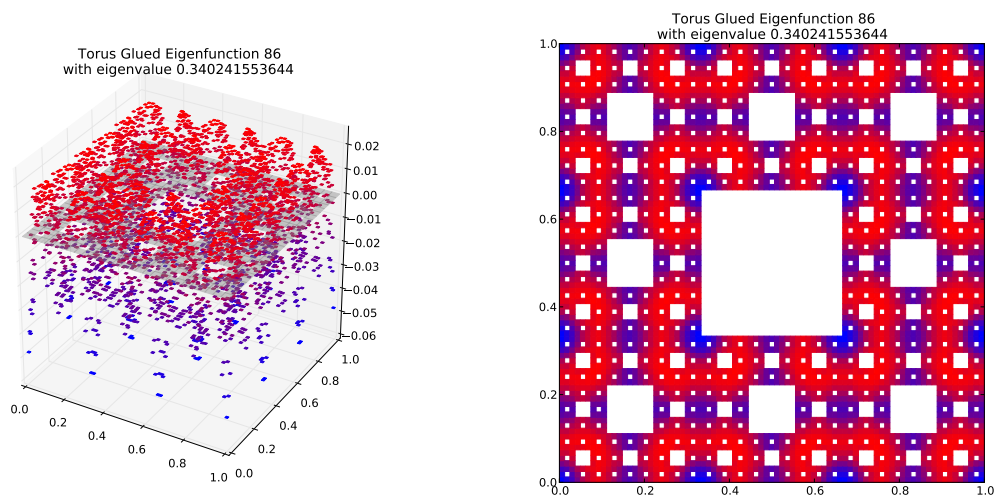
Eigenfunction 84 with eigenvalue 0.337380921259



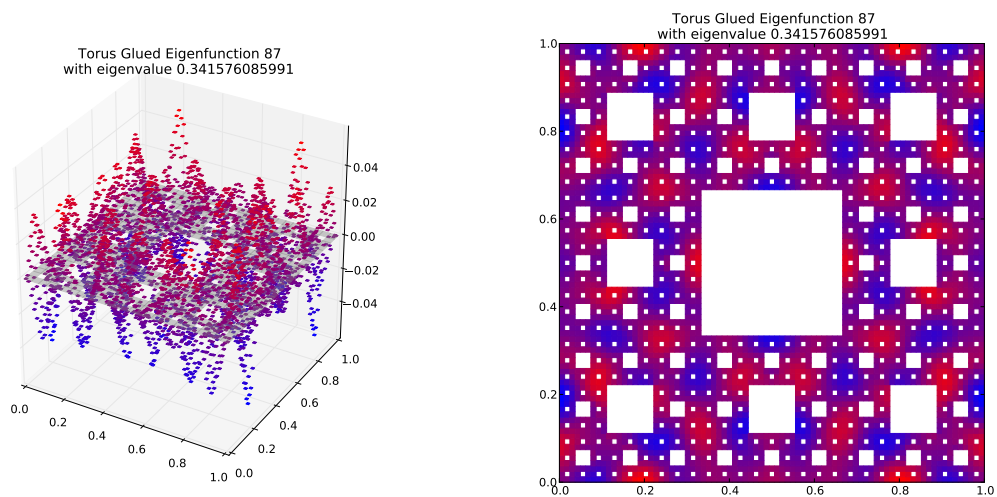
Eigenfunction 85 with eigenvalue 0.339001849568



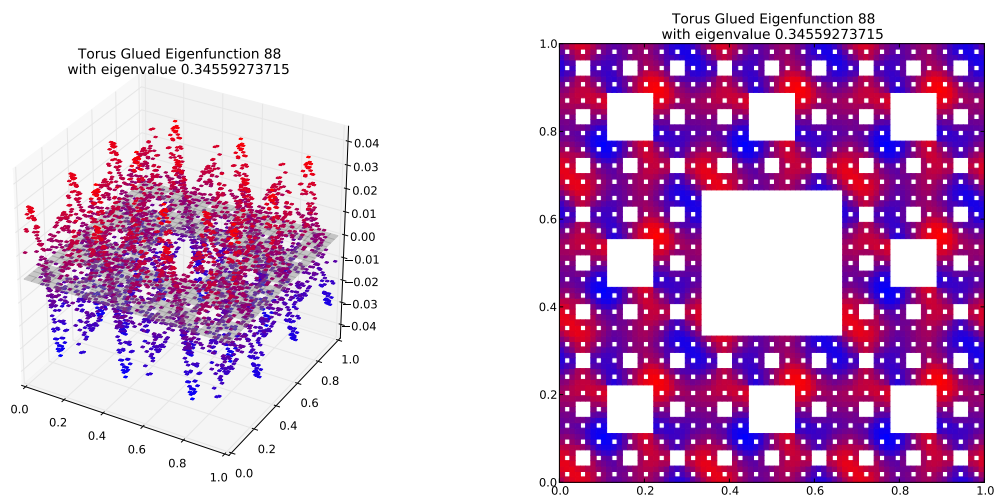
Eigenfunction 86 with eigenvalue 0.340241553644



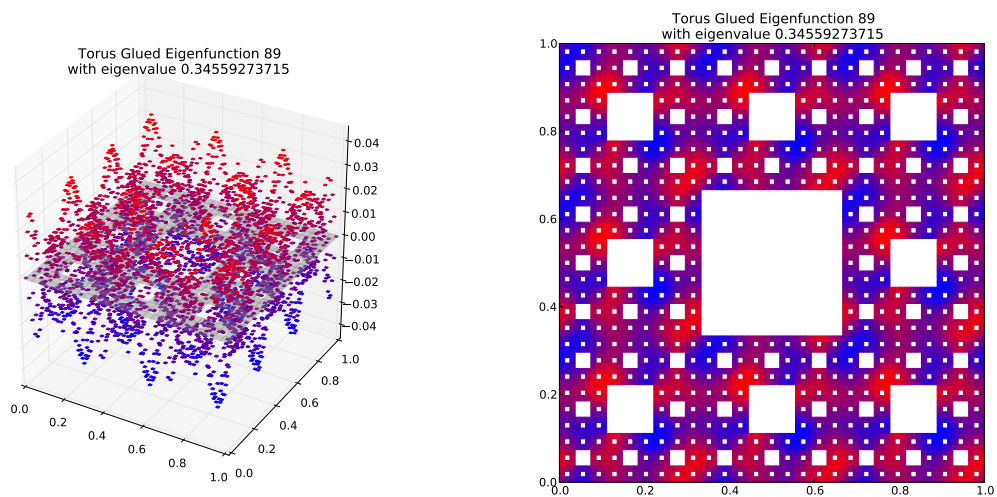
Eigenfunction 87 with eigenvalue 0.341576085991



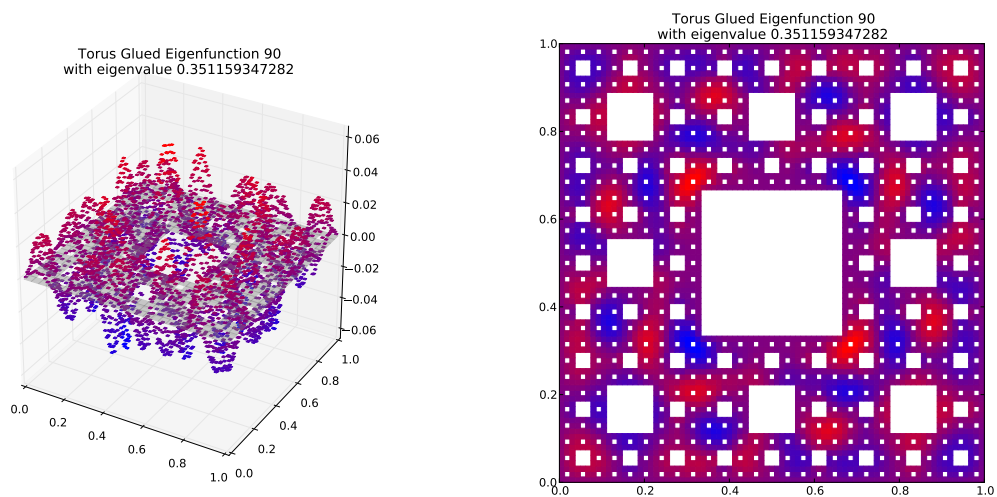
Eigenfunction 88 with eigenvalue 0.34559273715



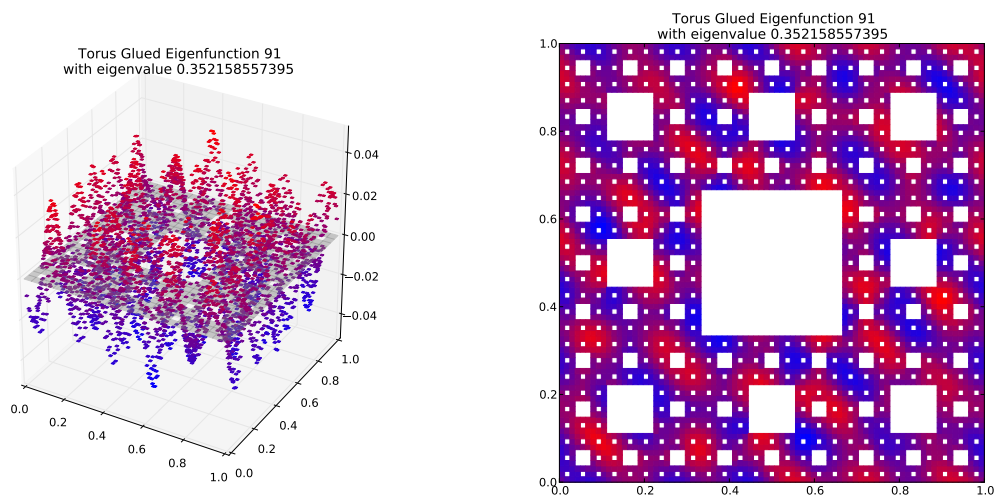
Eigenfunction 89 with eigenvalue 0.34559273715



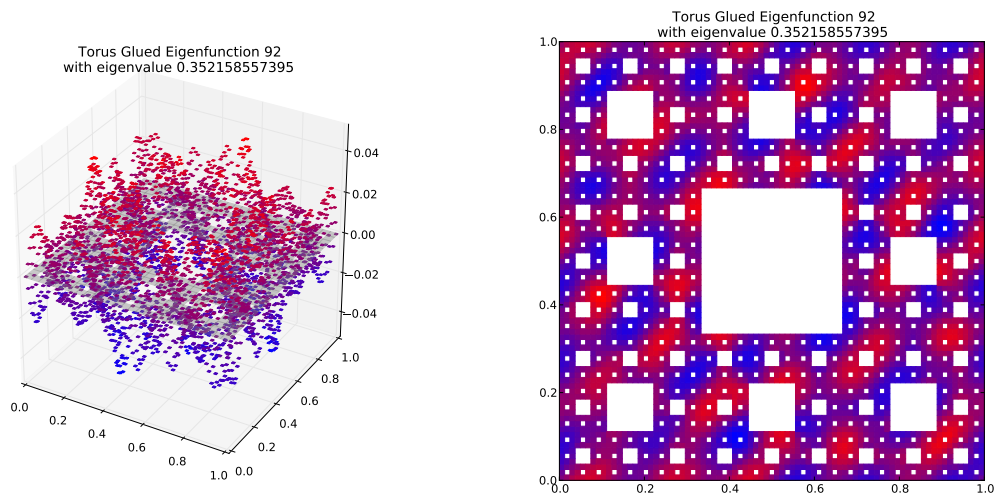
Eigenfunction 90 with eigenvalue 0.351159347282



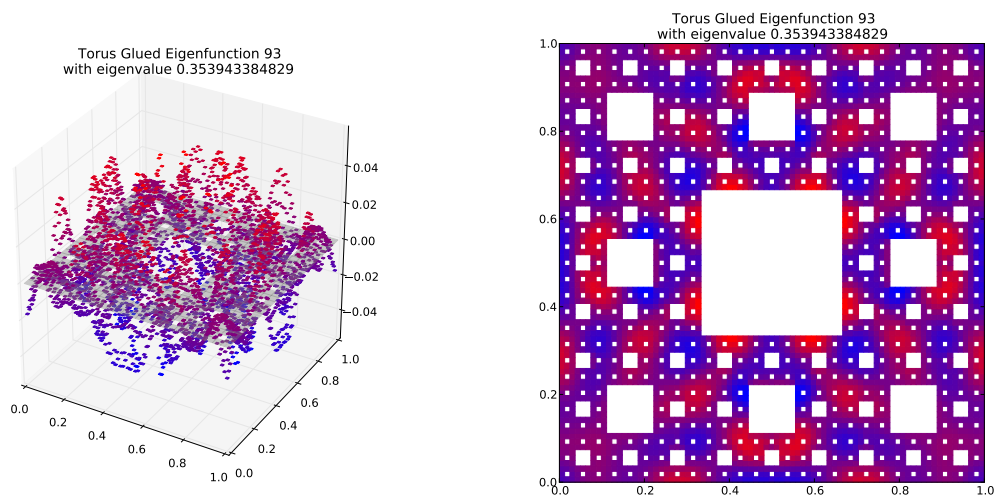
Eigenfunction 91 with eigenvalue 0.352158557395



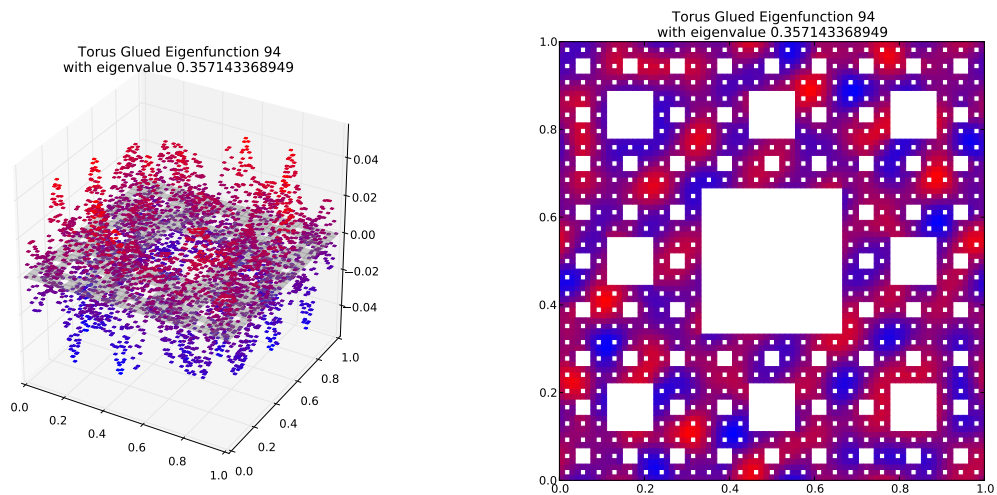
Eigenfunction 92 with eigenvalue 0.352158557395



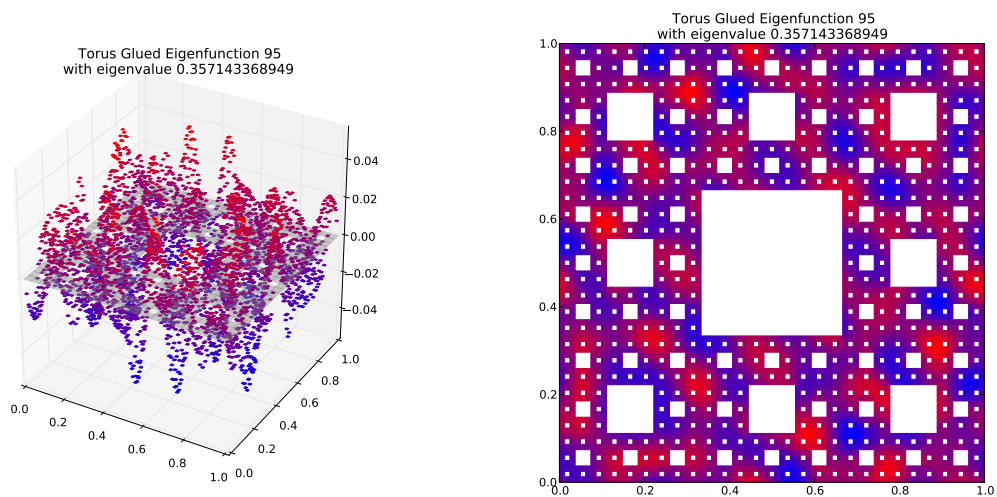
Eigenfunction 93 with eigenvalue 0.353943384829



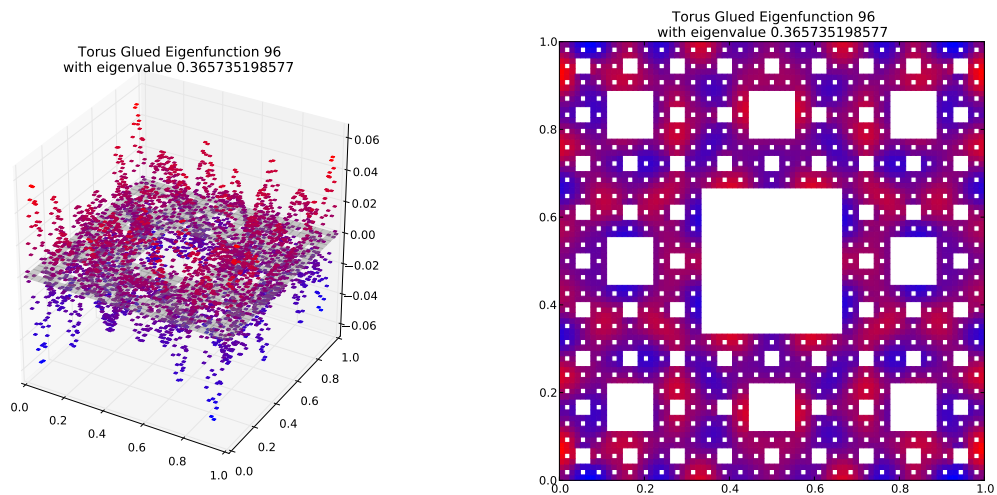
Eigenfunction 94 with eigenvalue 0.357143368949



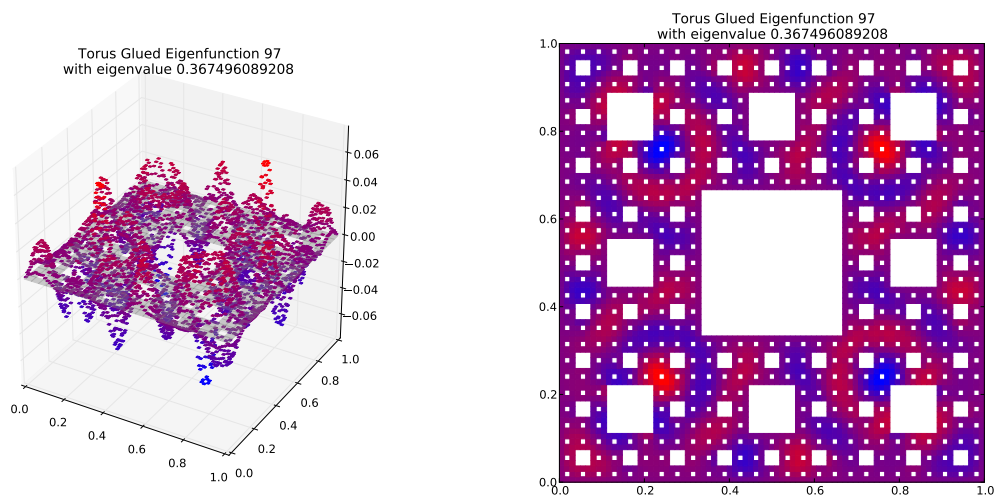
Eigenfunction 95 with eigenvalue 0.357143368949



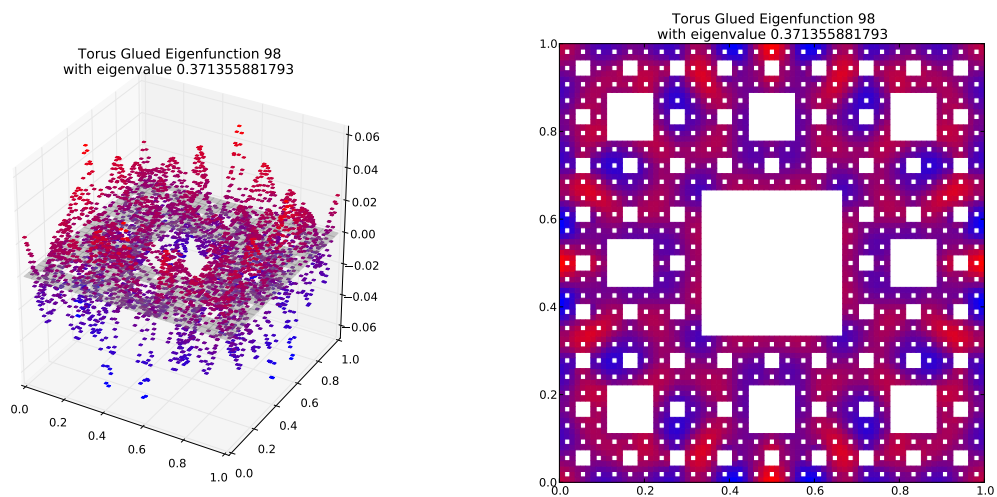
Eigenfunction 96 with eigenvalue 0.365735198577



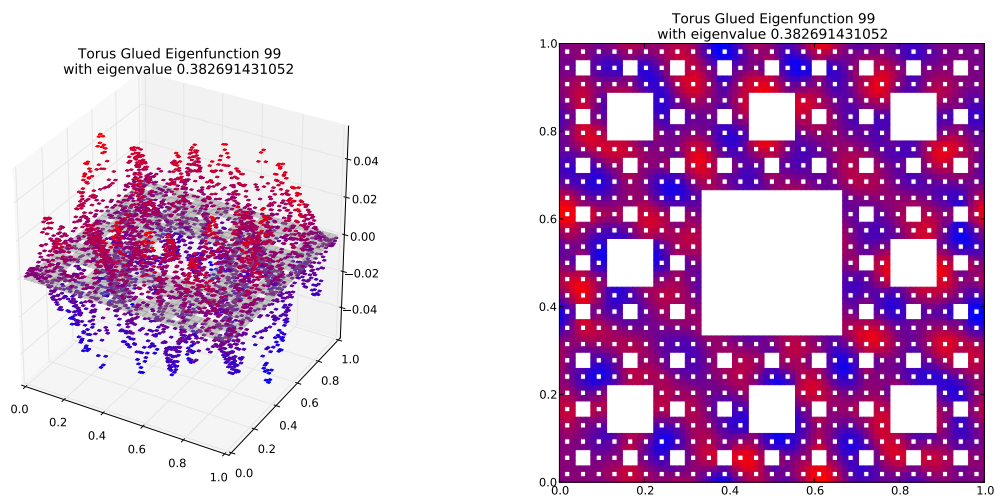
Eigenfunction 97 with eigenvalue 0.367496089208



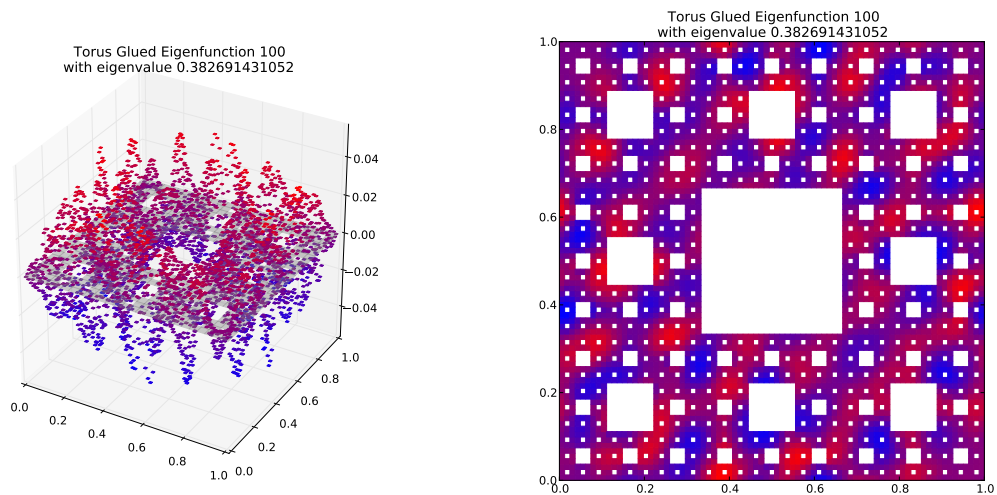
Eigenfunction 98 with eigenvalue 0.371355881793



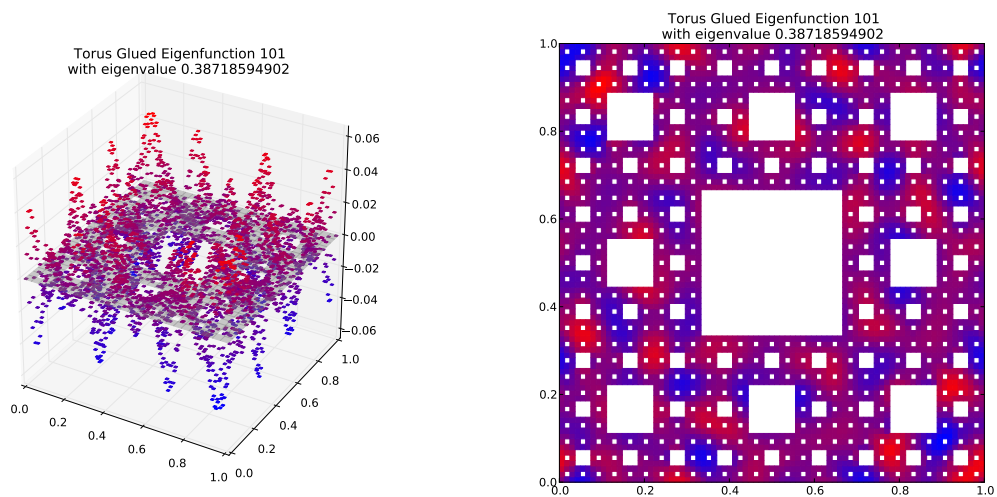
Eigenfunction 99 with eigenvalue 0.382691431052



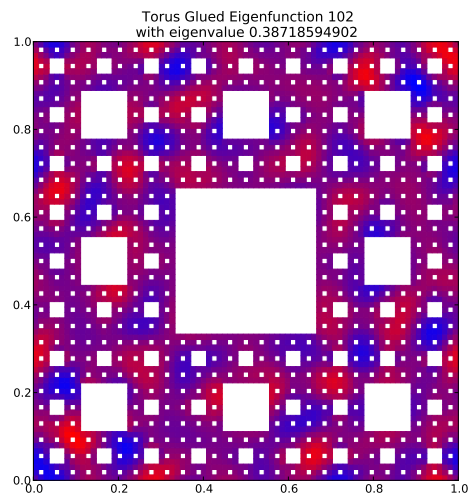
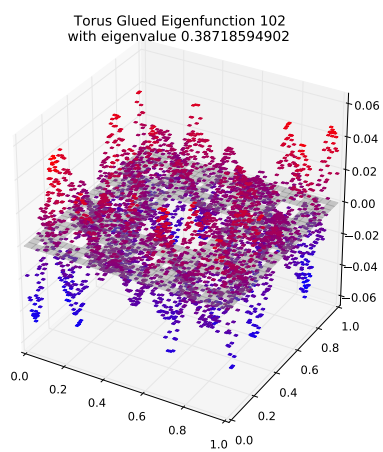
Eigenfunction 100 with eigenvalue 0.382691431052



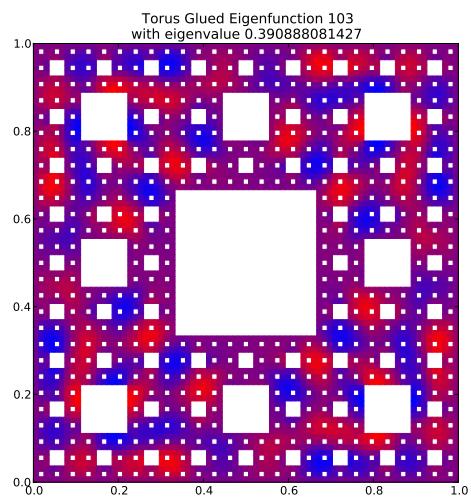
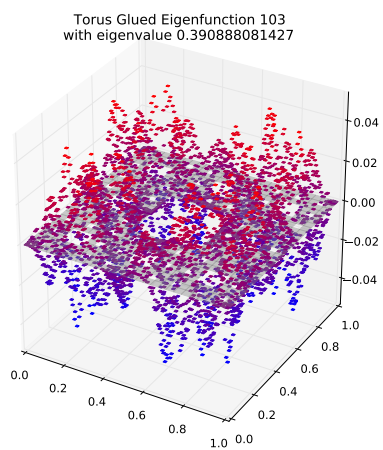
Eigenfunction 101 with eigenvalue 0.38718594902



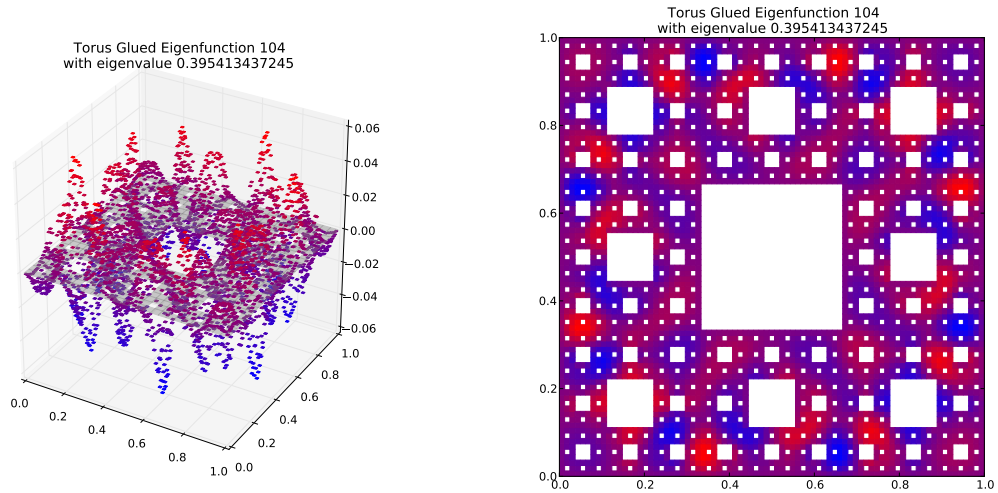
Eigenfunction 102 with eigenvalue 0.38718594902



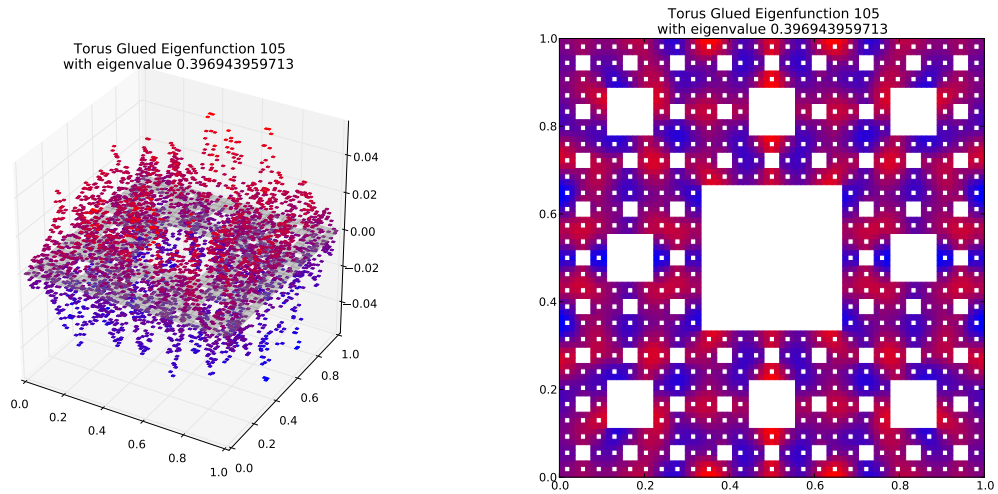
Eigenfunction 103 with eigenvalue 0.390888081427



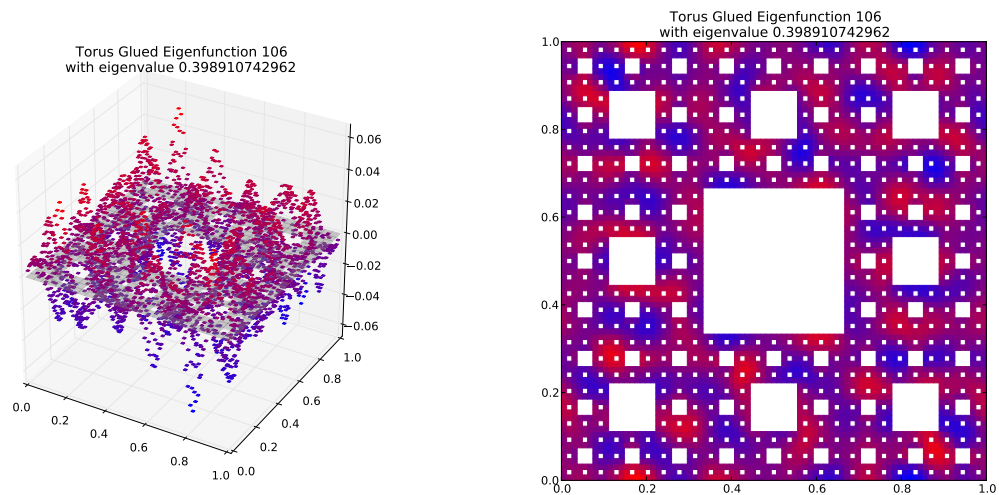
Eigenfunction 104 with eigenvalue 0.395413437245



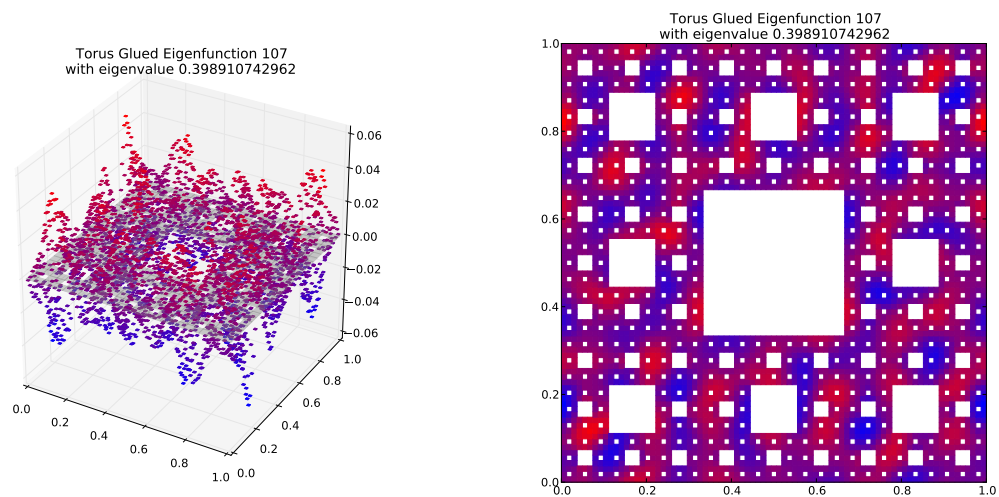
Eigenfunction 105 with eigenvalue 0.396943959713



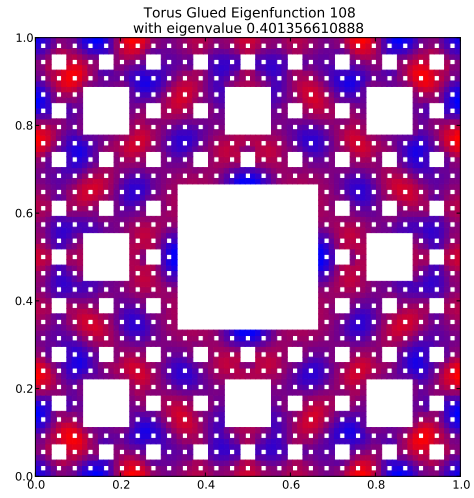
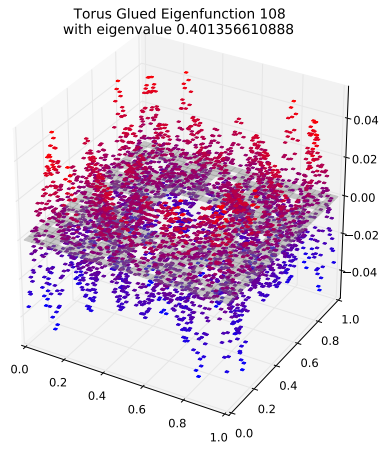
Eigenfunction 106 with eigenvalue 0.398910742962



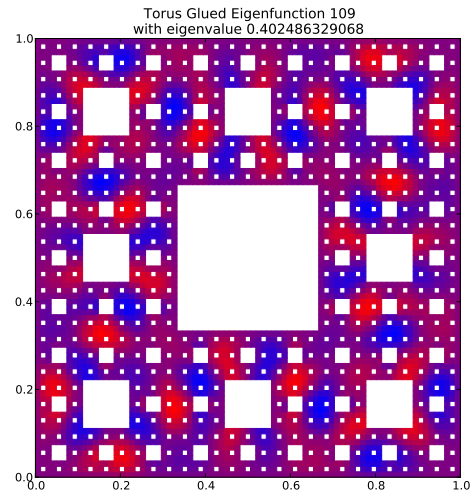
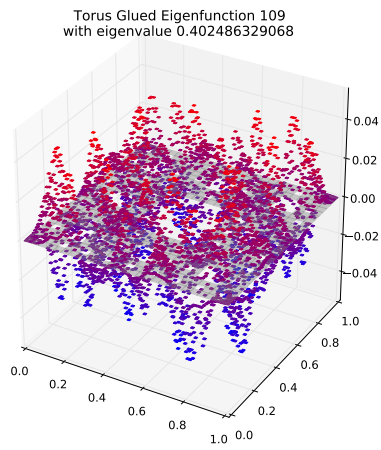
Eigenfunction 107 with eigenvalue 0.398910742962



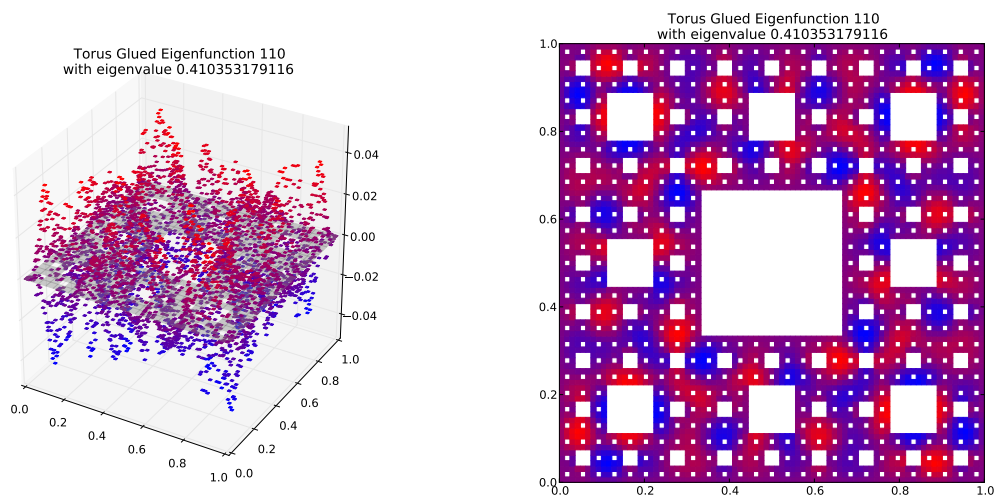
Eigenfunction 108 with eigenvalue 0.401356610888



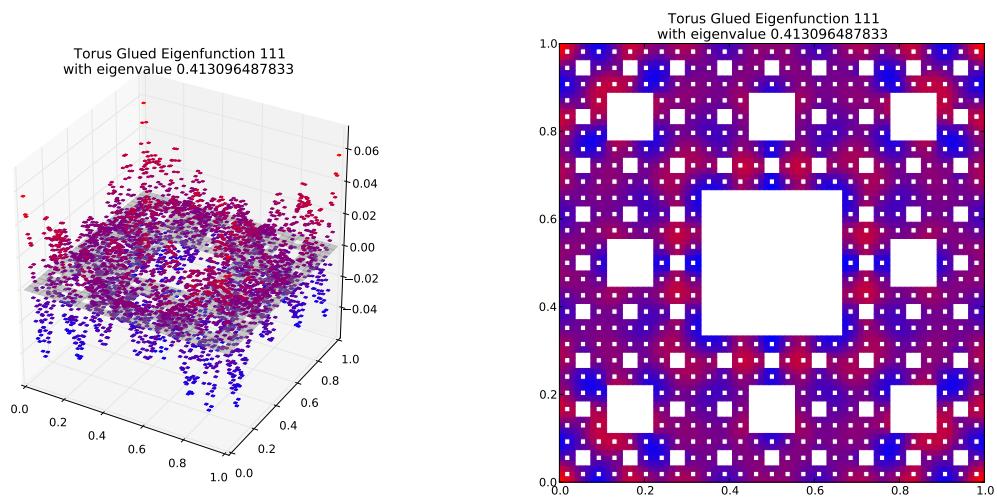
Eigenfunction 109 with eigenvalue 0.402486329068



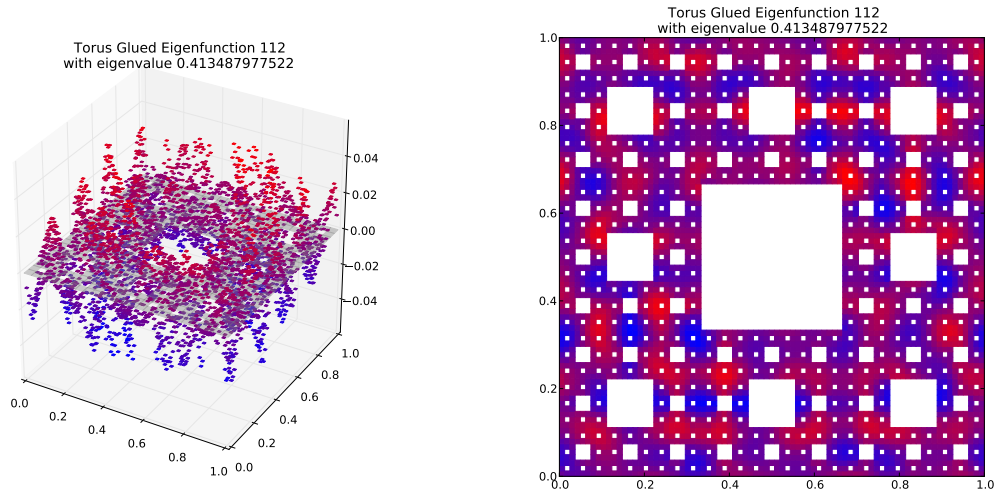
Eigenfunction 110 with eigenvalue 0.410353179116



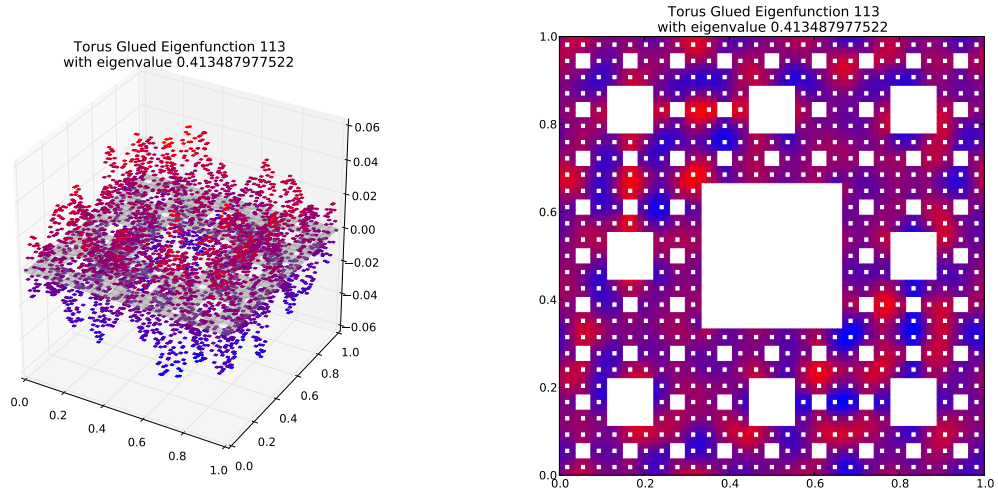
Eigenfunction 111 with eigenvalue 0.413096487833



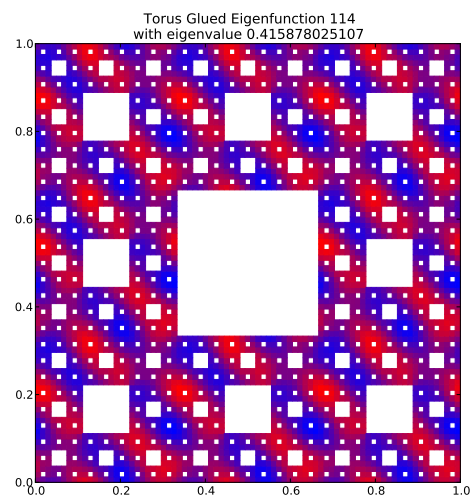
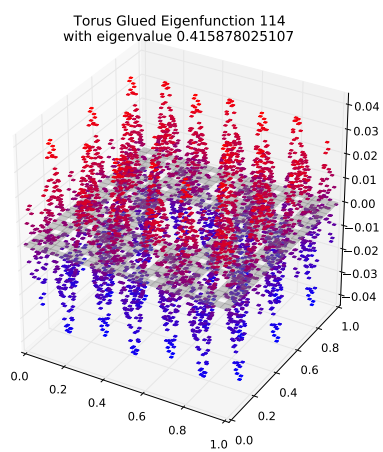
Eigenfunction 112 with eigenvalue 0.413487977522



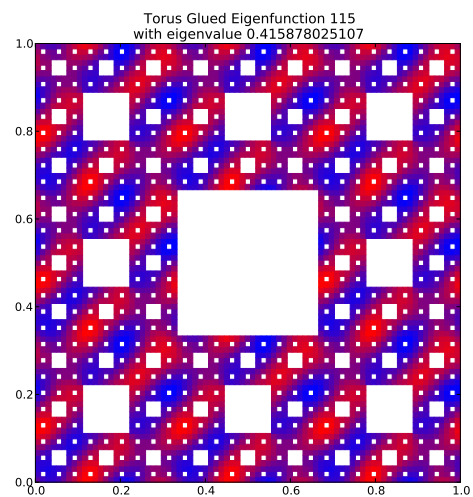
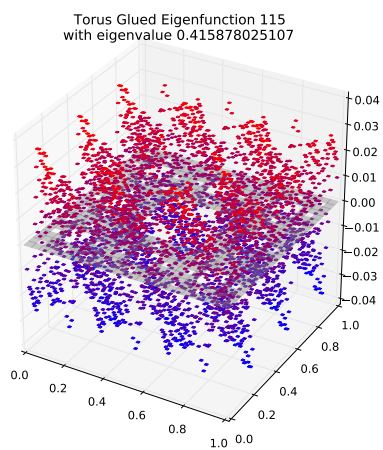
Eigenfunction 113 with eigenvalue 0.413487977522



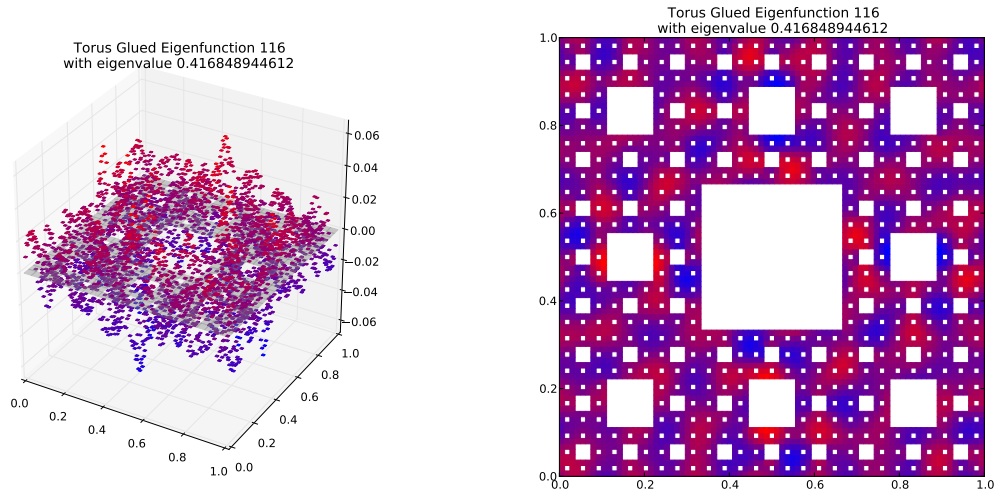
Eigenfunction 114 with eigenvalue 0.415878025107



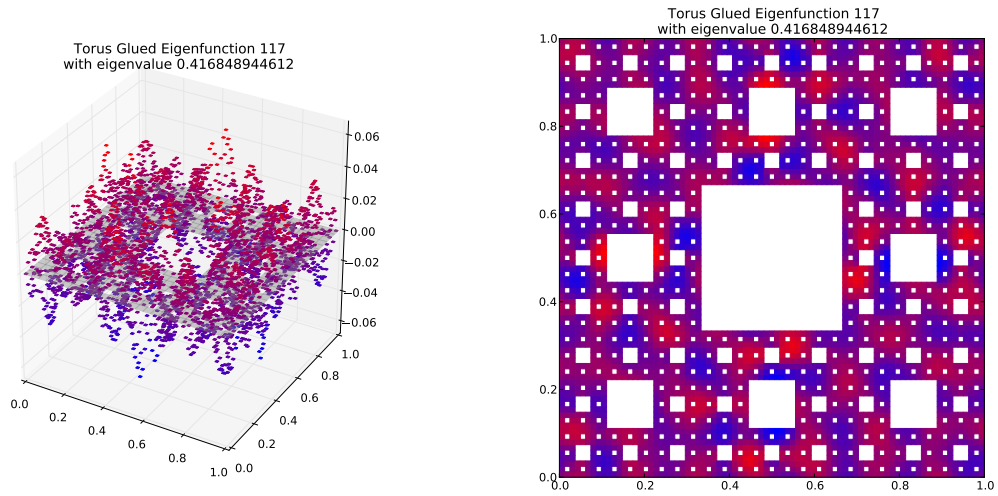
Eigenfunction 115 with eigenvalue 0.415878025107



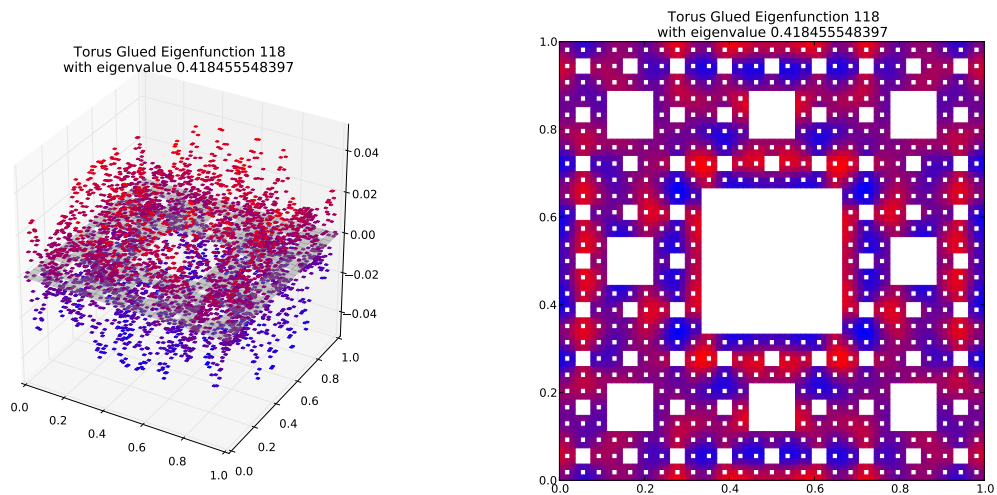
Eigenfunction 116 with eigenvalue 0.416848944612



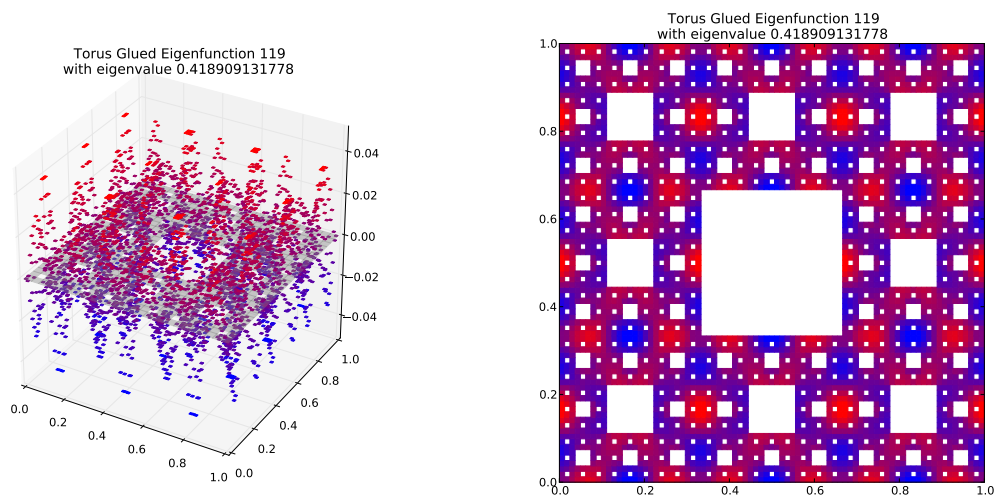
Eigenfunction 117 with eigenvalue 0.416848944612



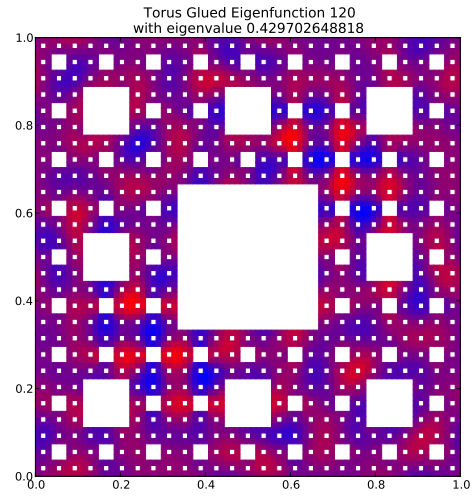
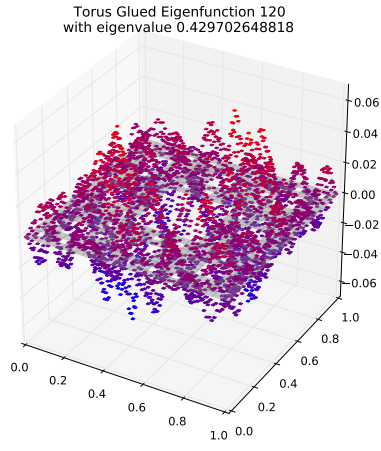
Eigenfunction 118 with eigenvalue 0.418455548397



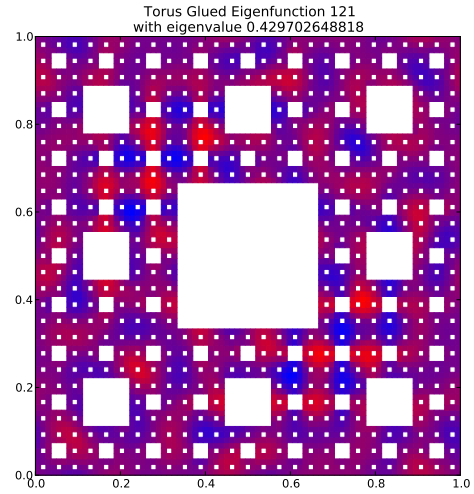
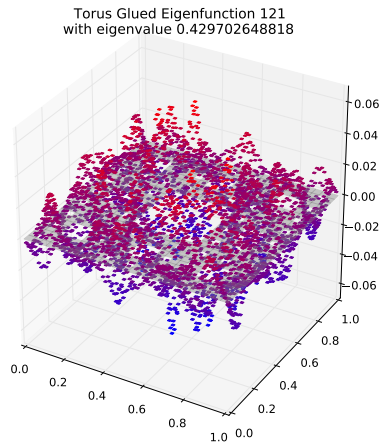
Eigenfunction 119 with eigenvalue 0.418909131778



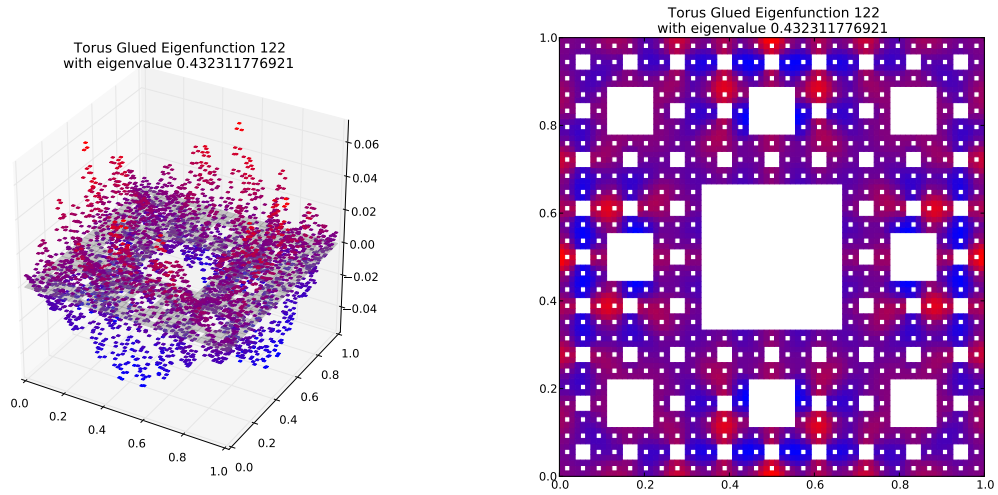
Eigenfunction 120 with eigenvalue 0.429702648818



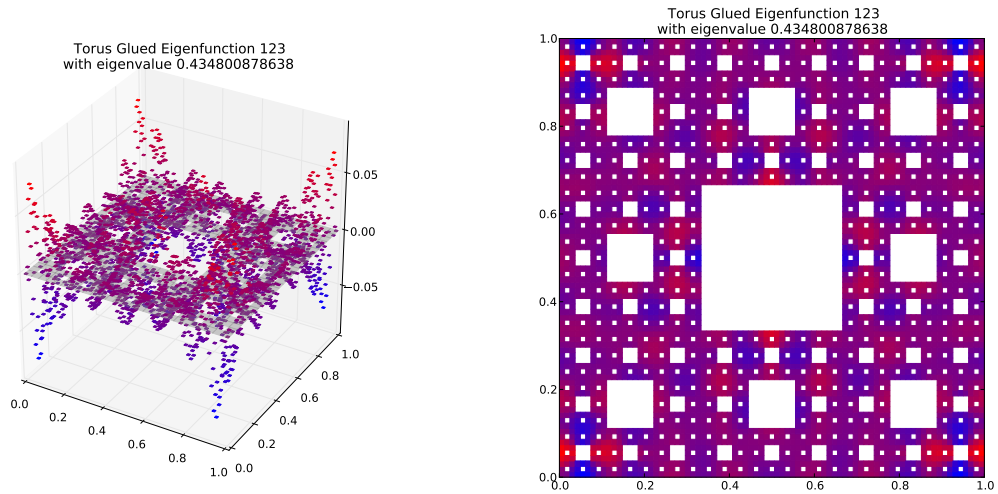
Eigenfunction 121 with eigenvalue 0.429702648818



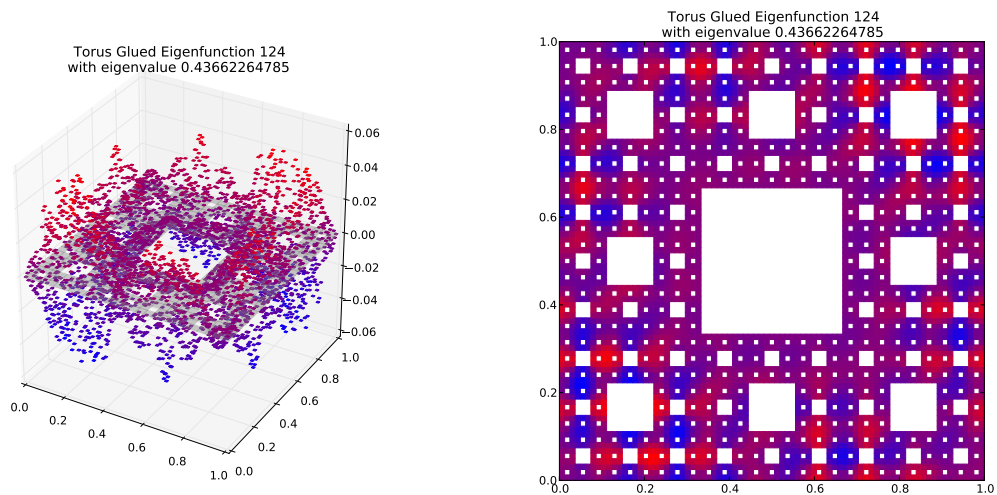
Eigenfunction 122 with eigenvalue 0.432311776921



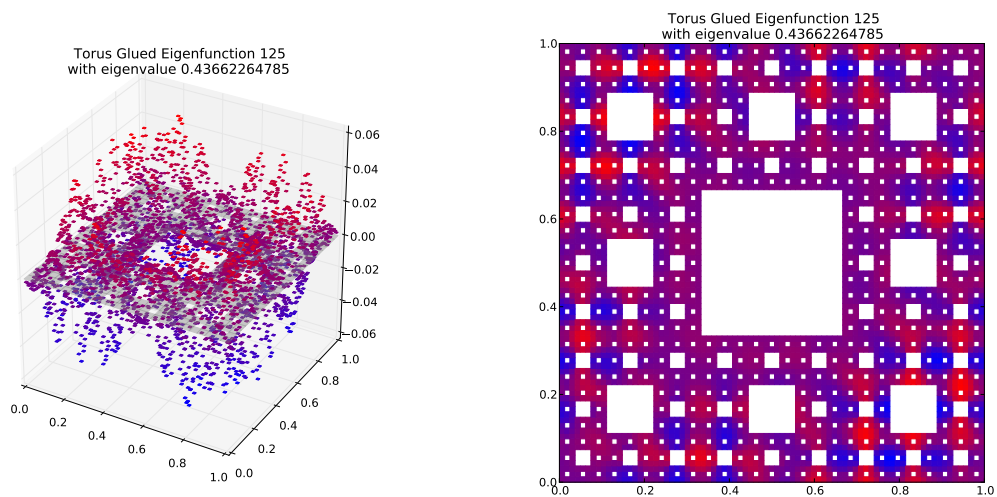
Eigenfunction 123 with eigenvalue 0.434800878638



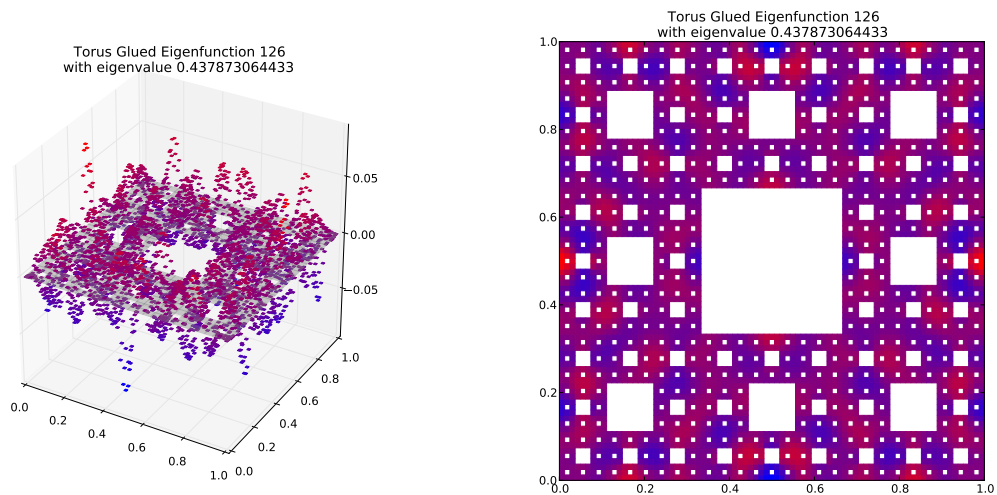
Eigenfunction 124 with eigenvalue 0.43662264785



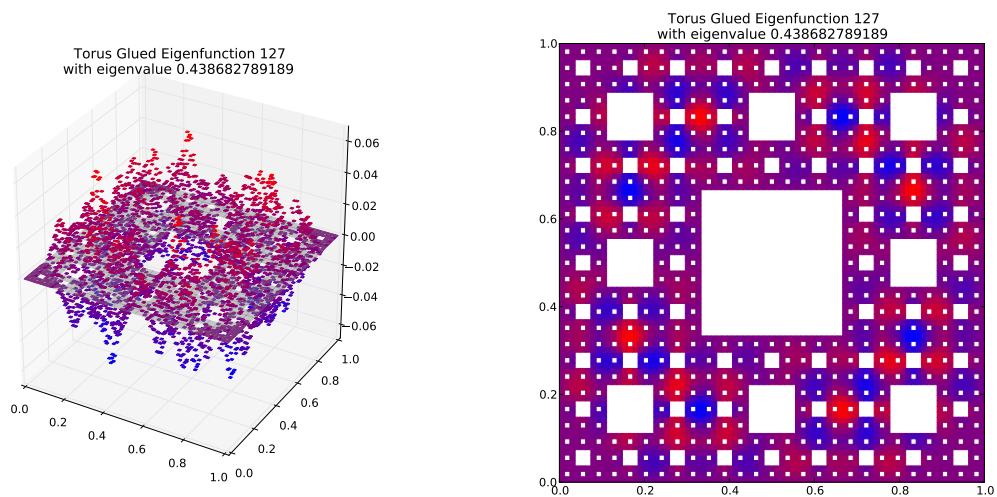
Eigenfunction 125 with eigenvalue 0.43662264785



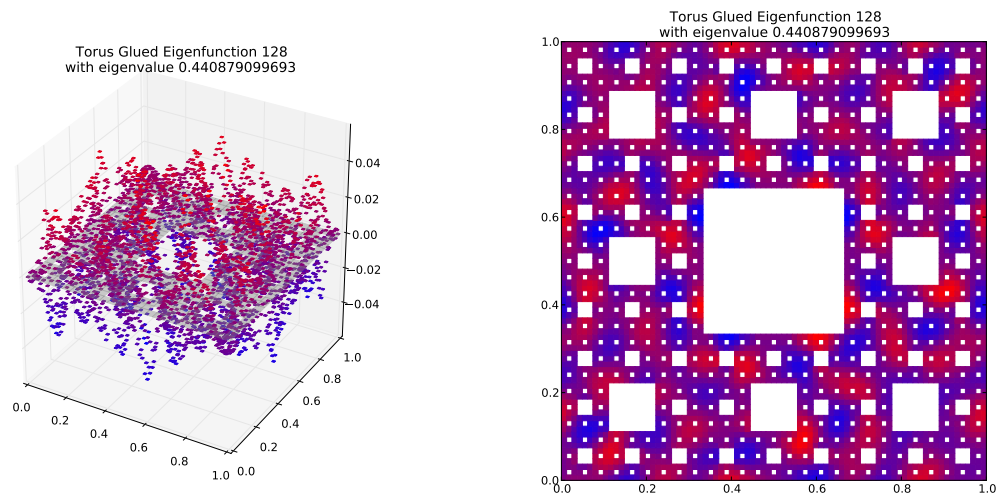
Eigenfunction 126 with eigenvalue 0.437873064433



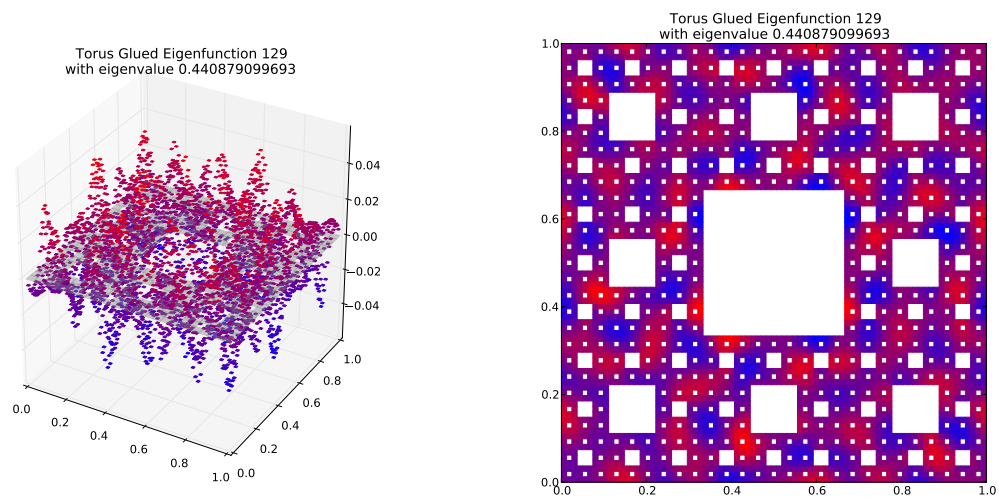
Eigenfunction 127 with eigenvalue 0.438682789189



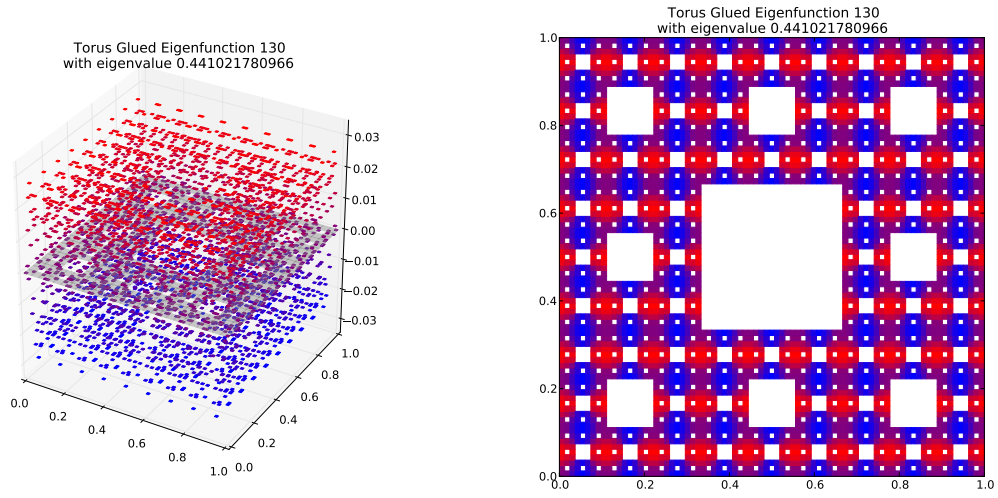
Eigenfunction 128 with eigenvalue 0.440879099693



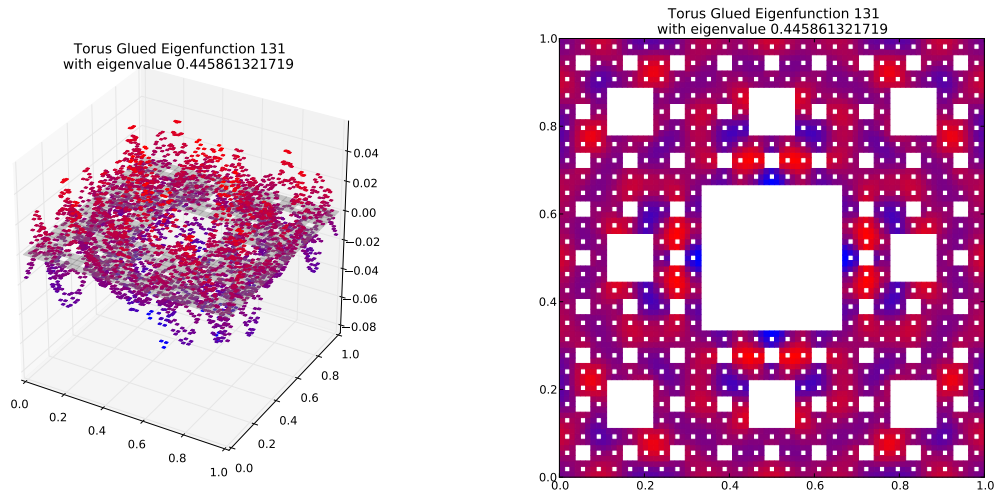
Eigenfunction 129 with eigenvalue 0.440879099693



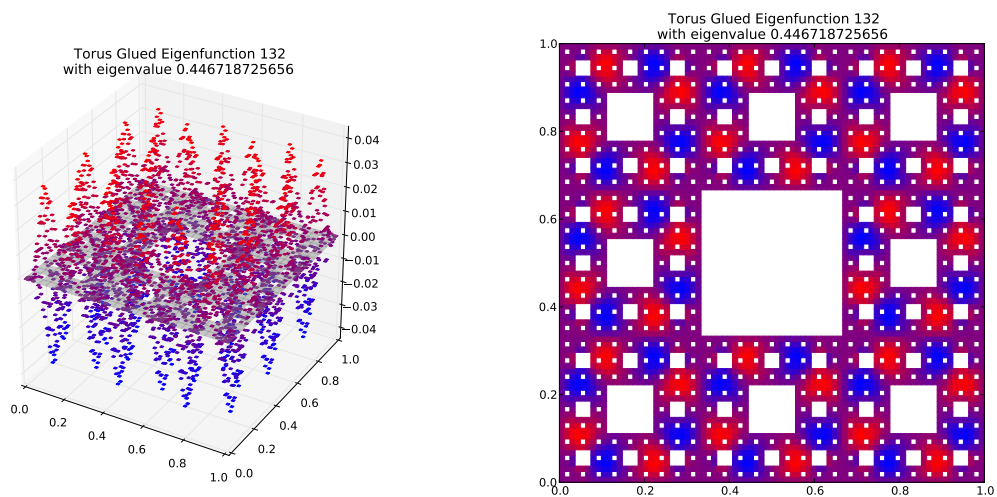
Eigenfunction 130 with eigenvalue 0.441021780966



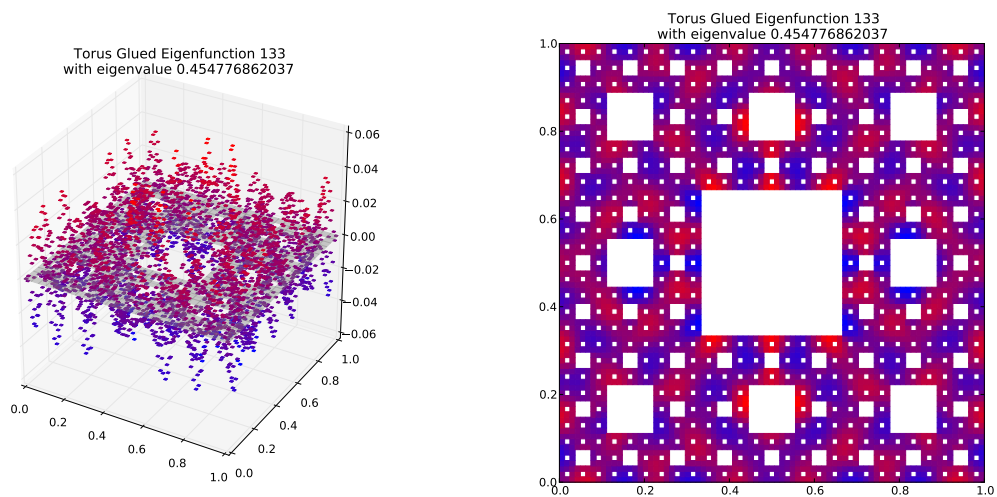
Eigenfunction 131 with eigenvalue 0.445861321719



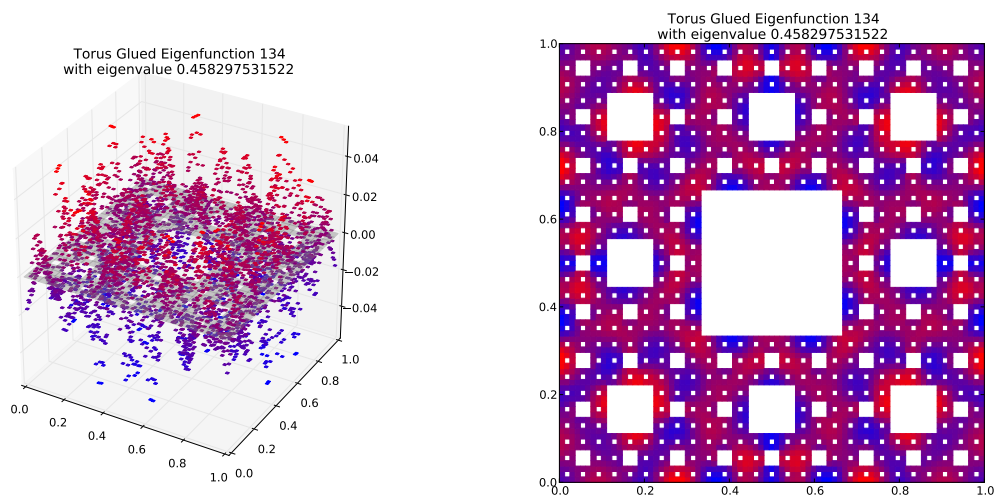
Eigenfunction 132 with eigenvalue 0.446718725656



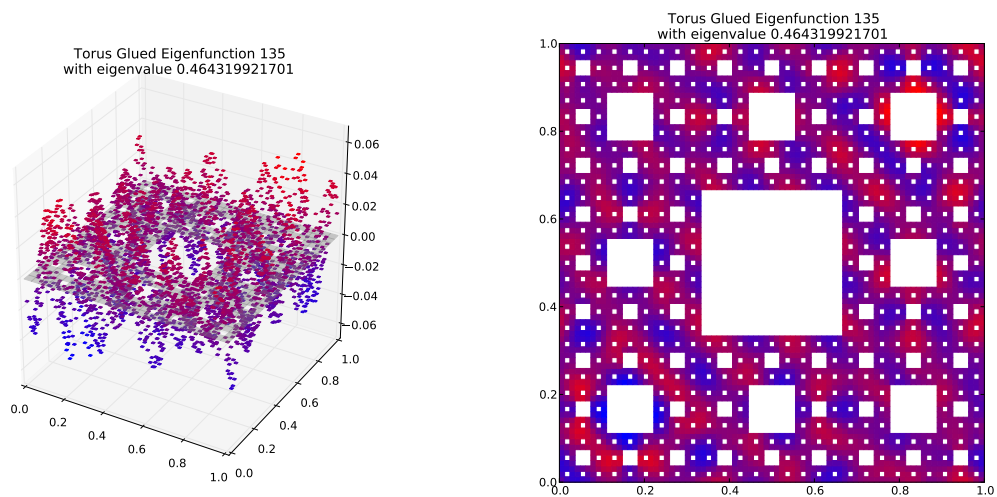
Eigenfunction 133 with eigenvalue 0.454776862037



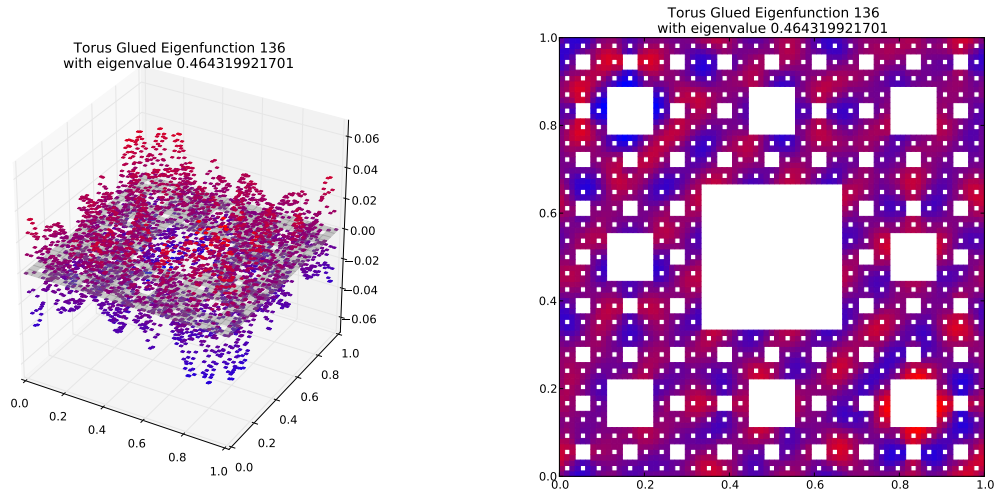
Eigenfunction 134 with eigenvalue 0.458297531522



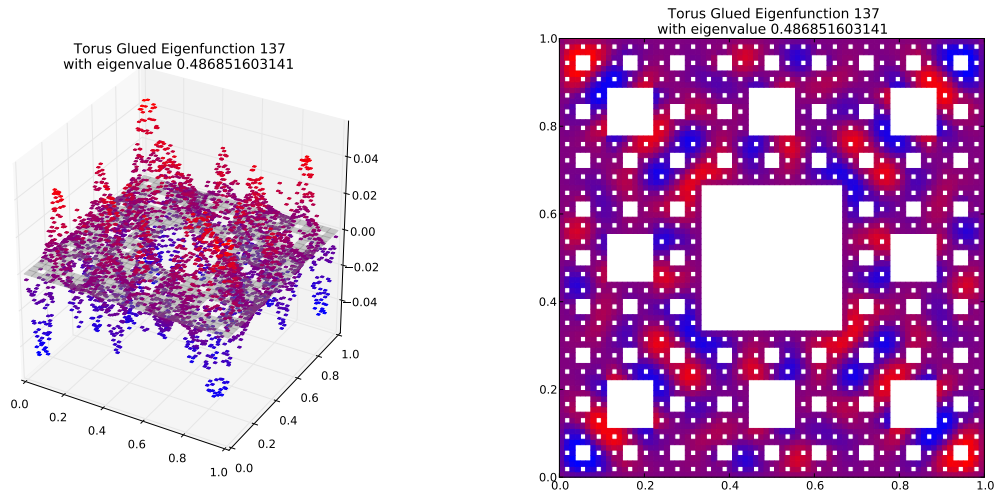
Eigenfunction 135 with eigenvalue 0.464319921701



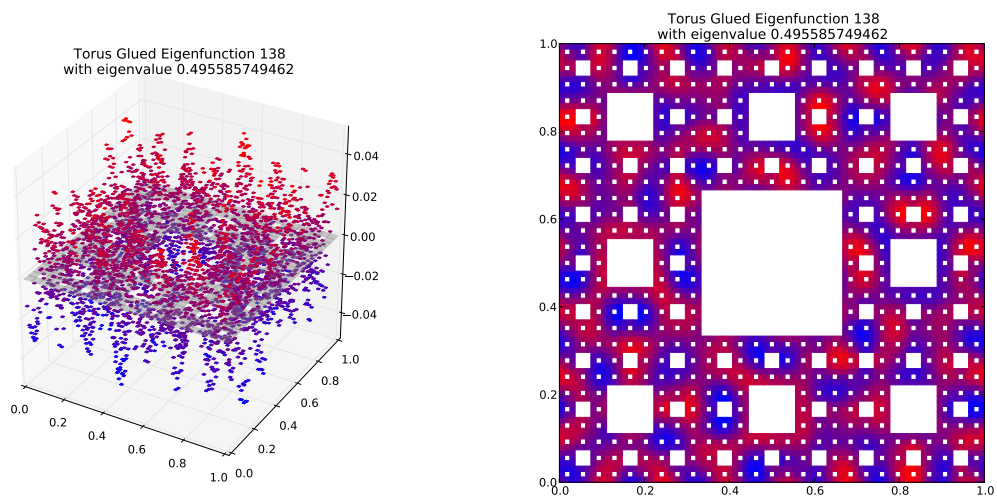
Eigenfunction 136 with eigenvalue 0.464319921701



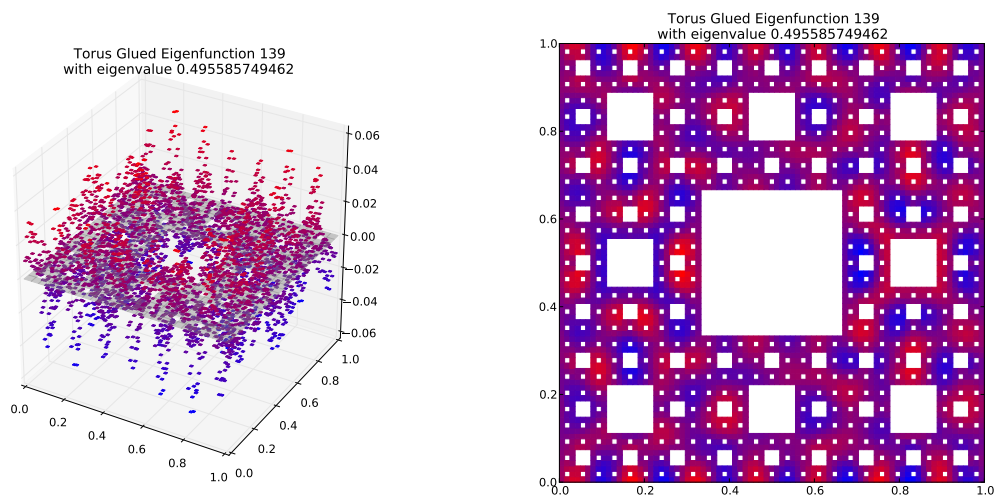
Eigenfunction 137 with eigenvalue 0.486851603141



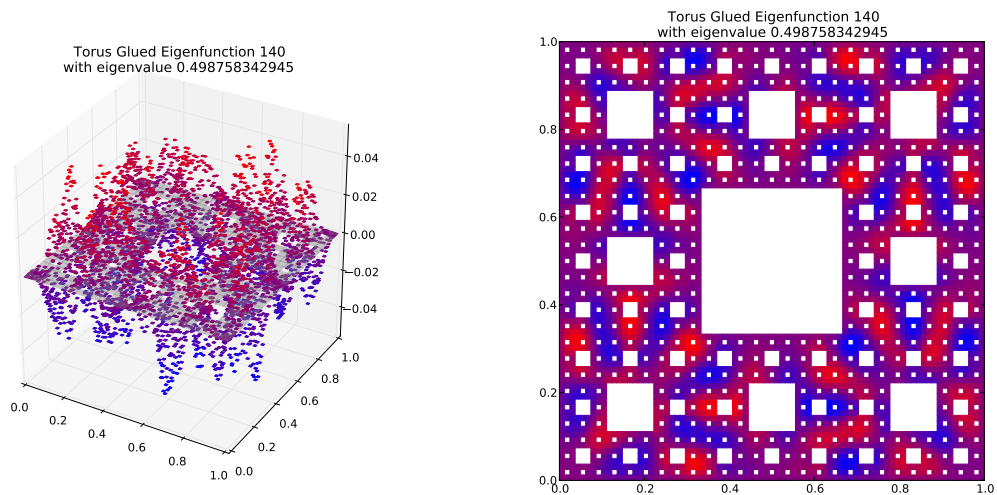
Eigenfunction 138 with eigenvalue 0.495585749462



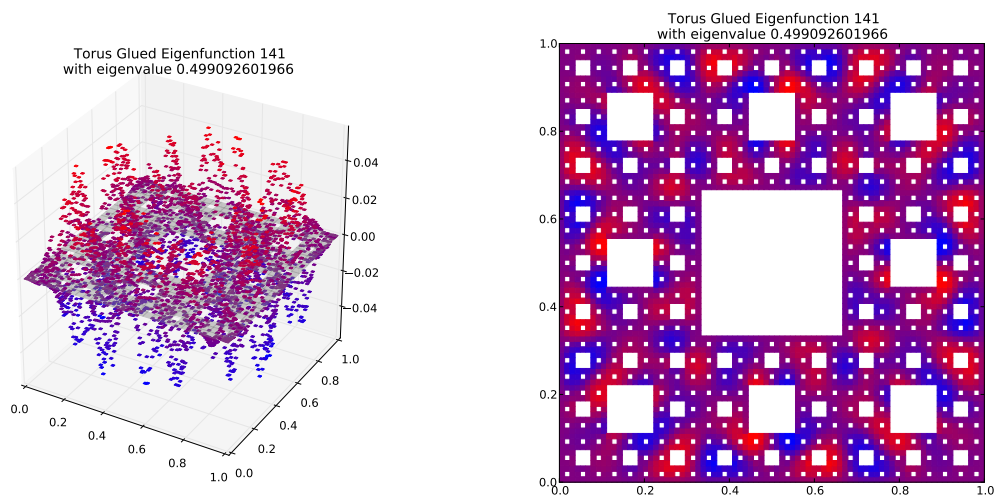
Eigenfunction 139 with eigenvalue 0.495585749462



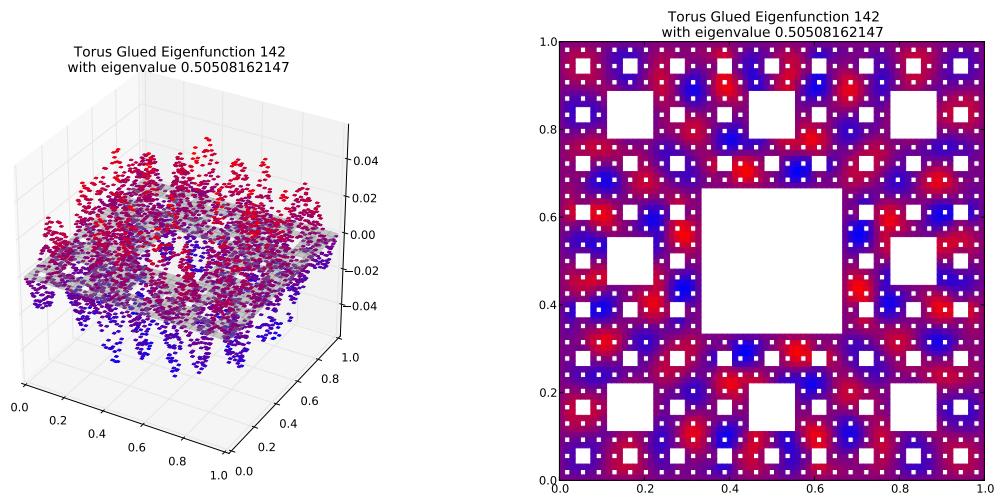
Eigenfunction 140 with eigenvalue 0.498758342945



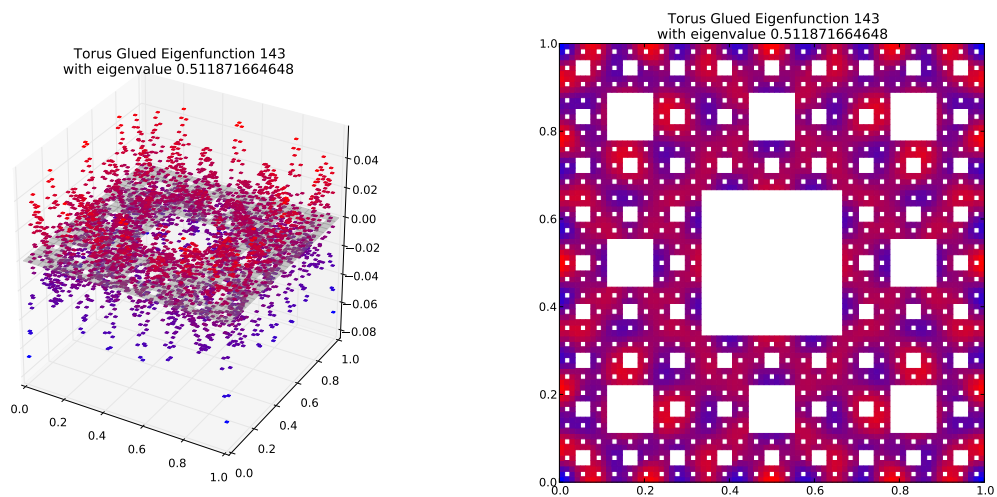
Eigenfunction 141 with eigenvalue 0.499092601966



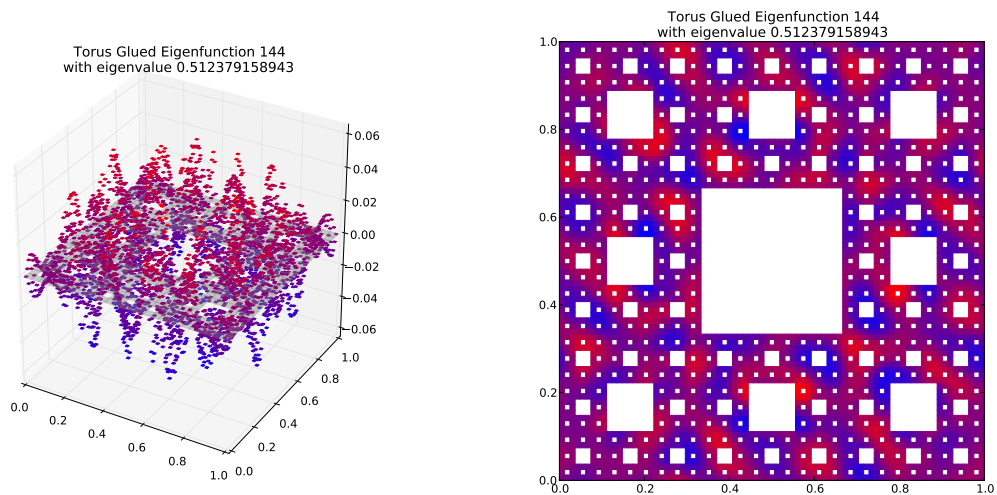
Eigenfunction 142 with eigenvalue 0.50508162147



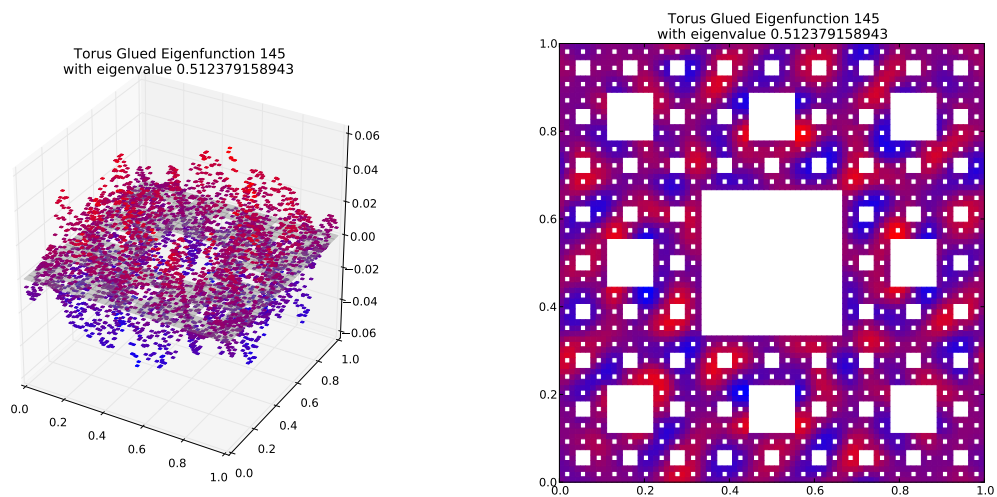
Eigenfunction 143 with eigenvalue 0.511871664648



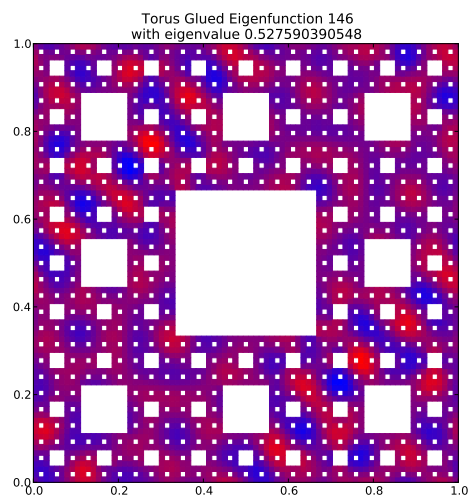
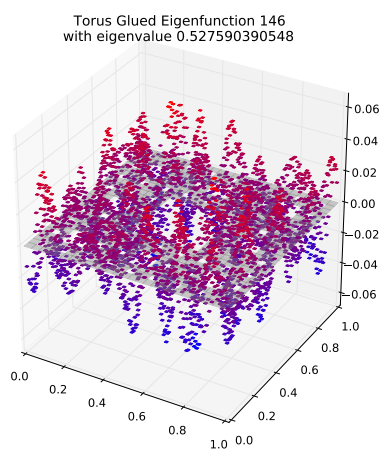
Eigenfunction 144 with eigenvalue 0.512379158943



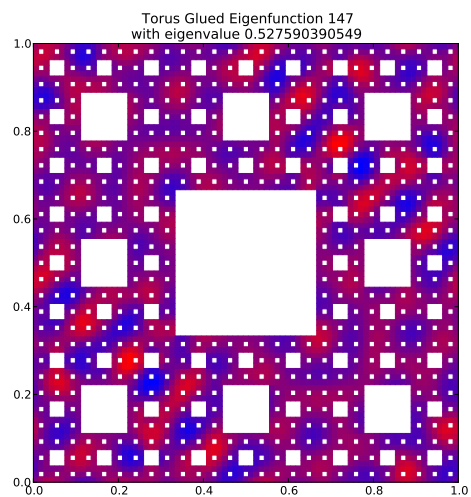
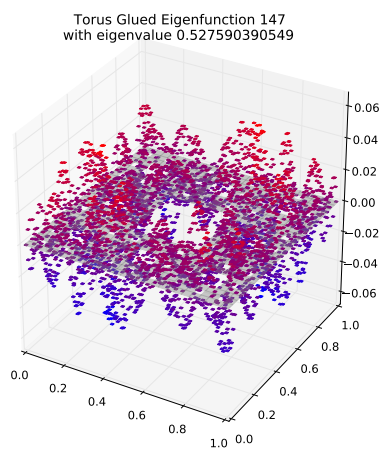
Eigenfunction 145 with eigenvalue 0.512379158943



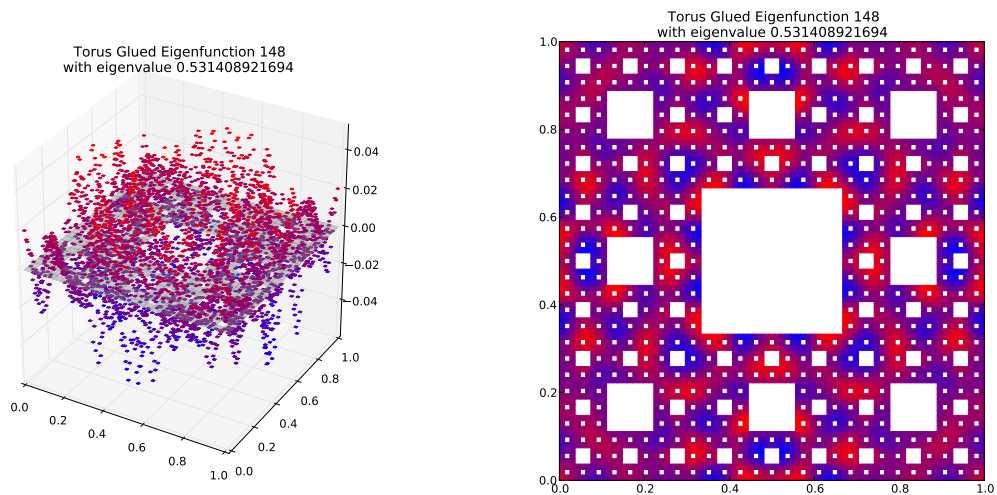
Eigenfunction 146 with eigenvalue 0.527590390548



Eigenfunction 147 with eigenvalue 0.527590390549



Eigenfunction 148 with eigenvalue 0.531408921694



Eigenfunction 149 with eigenvalue 0.535701700095

