

Klein Bottle Horizontal Glued Eigenfunctions of the Graph Laplacian for $M = 1$

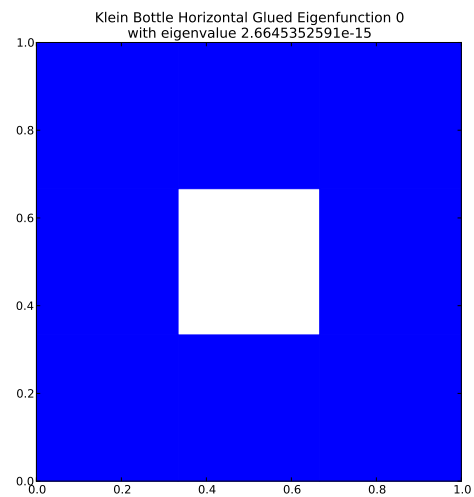
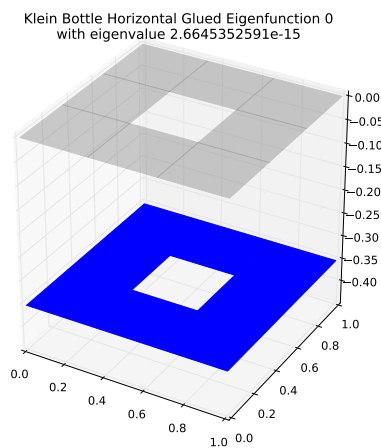
SPUR 2016

August 12, 2016

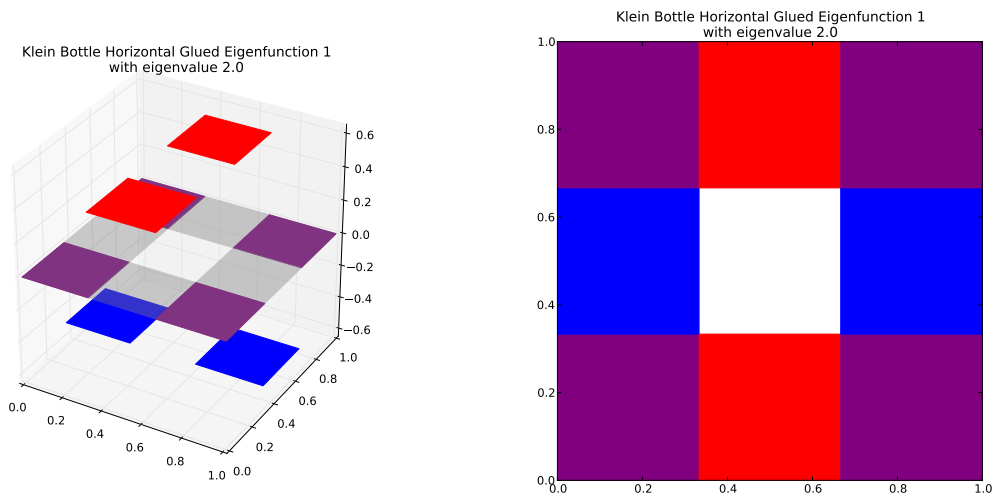
Eigenvalues:

- | | | |
|---------------------|------------------|------------------|
| 0. 2.6645352591e-15 | 3. 4.0 | 6. 6.73205080757 |
| 1. 2.0 | 4. 4.0 | 7. 7.41421356237 |
| 2. 3.26794919243 | 5. 4.58578643763 | |

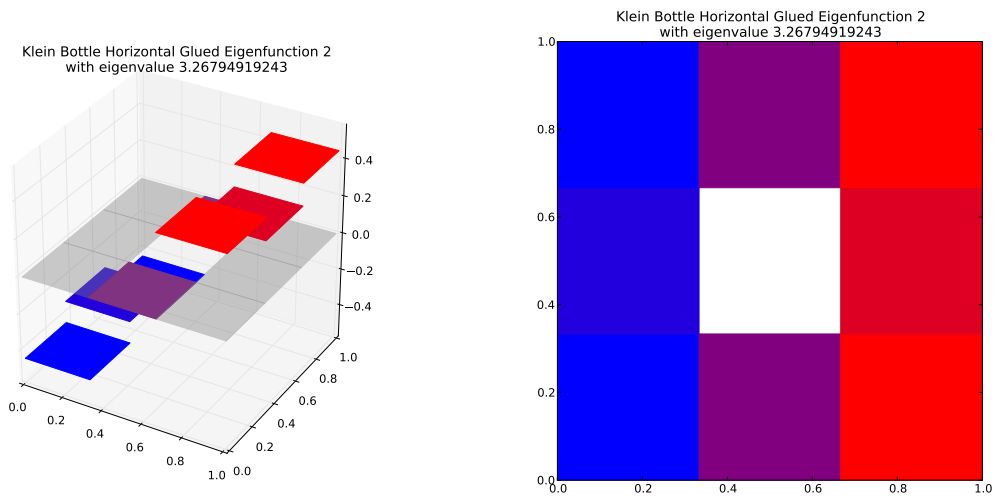
Eigenfunction 0 with eigenvalue 2.6645352591e-15



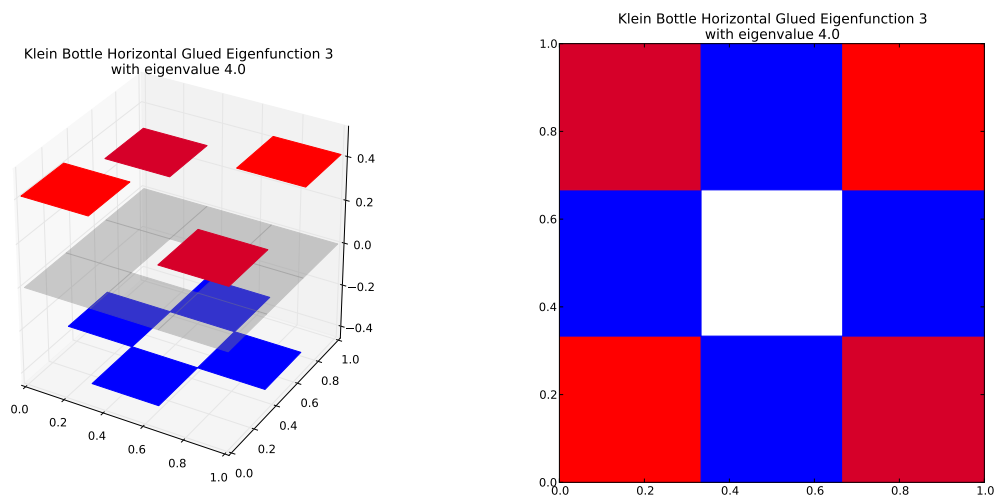
Eigenfunction 1 with eigenvalue 2.0



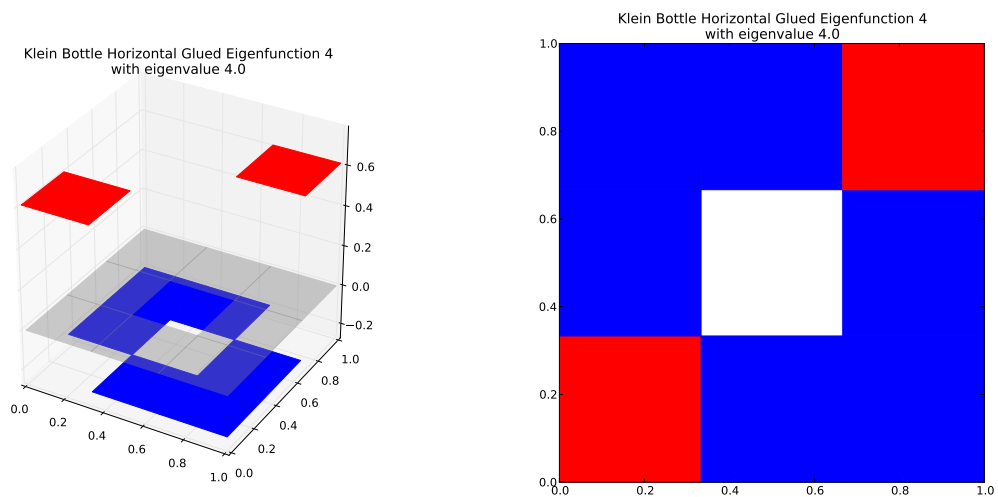
Eigenfunction 2 with eigenvalue 3.26794919243



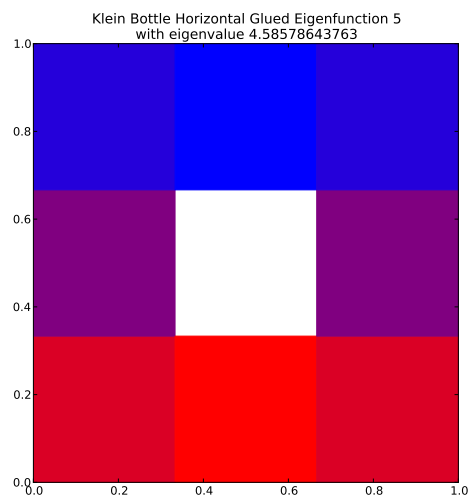
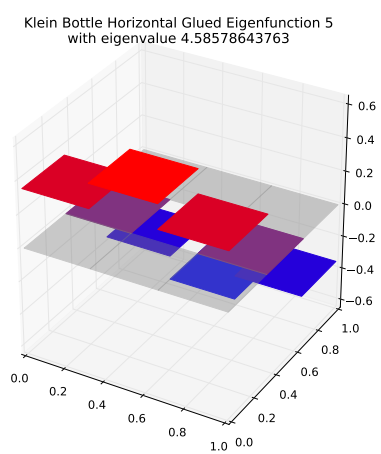
Eigenfunction 3 with eigenvalue 4.0



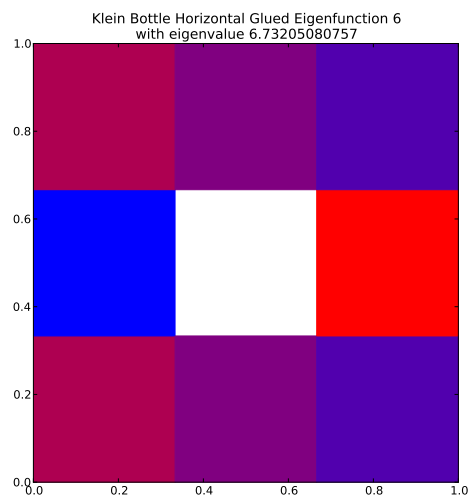
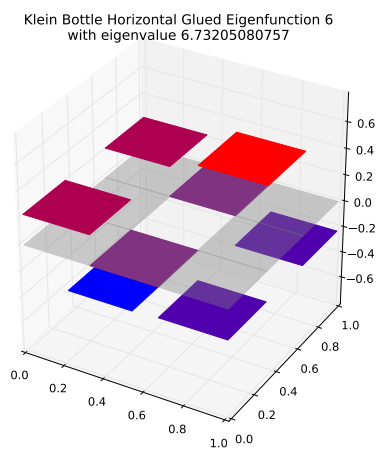
Eigenfunction 4 with eigenvalue 4.0



Eigenfunction 5 with eigenvalue 4.58578643763



Eigenfunction 6 with eigenvalue 6.73205080757



Eigenfunction 7 with eigenvalue 7.41421356237

