


```
[75]: A_line = buildFullA(n)
      b_line = reshape_source(line_source_av)
      x0 = np.zeros(n*n)
      tol = 10**(-6)

      flux_solve_GS_line, err, count = performIteration(A_line, b_line, x0, tol, gs)
      print('iteration count:', count)
      print('error:', err)

      flux_solve_line = flux_solve_GS_line
      flux_array_line = flux_solve_line.reshape(n, m)
      visualize_2d(flux_array_line, 'Reds', 'Flux Values for Center Source System', (12,12))

iteration count: 12
error: 5.198310234954908e-07
```

