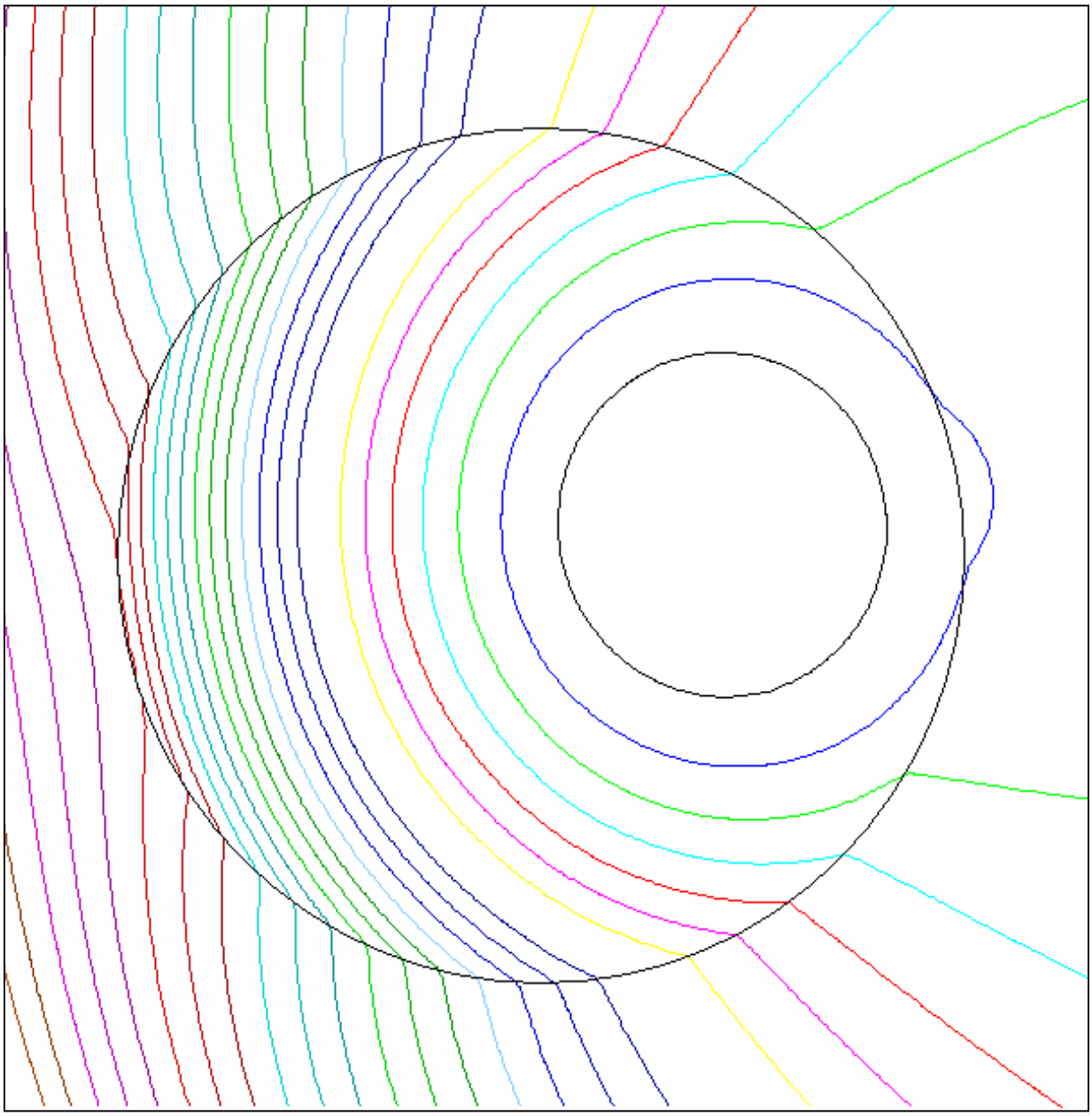

Method of Images for Poisson type problem, Bill Olsen, 5th ICAEM, Manhattan Kansas.
Email bill.olsen@co.dakota.mn.us
Problem description
Aquifer
- Thickness = 1
- k = 10
- Confined

Inhomogeneity
- Circle center = 0
- Circle radius = 2
- k inside = 2

Background flow condition
- Infiltration given by Phi = –(z-d)^2*conjugate(z-d)^2
- d = 6 + i

Solution by Scilab, file aPCzzc2_2.sce. Window size (-2.6,-2.6) (2.6,2.6), Grid 120x120, There are 27 contours plotted.