

Handover of TDGL calculations

List of the files



defect_cal.c

Calculation of defects



Delaunay_triangle.c

To generate
Delaunay
Triangles



para.txt

Parameters
(input)



prod-vtk.c

To generate .vtk
file for Mayavi



tdgl_and_maxpoint_2D.c

Main program
To generate phi.dat and find
position of maximal density of
each domain

para.txt

0.400, 0.0250, 1.260, 1.10

-0.05, 0.05, 0.010, 0.10

0.020, 0.20

0.50, 1.0

0.05

0.0050, 0.004

30.50

9.3842

5

fA, fC, Ac, Ac1

b1, b2, b3, b4

alpha, PHIC

C1, C2

DeltaT

V0, Arand

Nsx

L0

n

Nsx: side length of the polygon

n: side number of the polygon, n=3
for triangle, n=4 for square, ...