The	~~d~ 4	an h.	.11. D	MAG	: a oa	mentioned	holovy
The	code t	nr hi	IIK P	VIOS	1S 2S	mentioned	helow.

2D Coding:

#-----#

GLOBAL T=300 DopingScale=1e15 resistivemetal=false

#-----#

 $MESH Type = S_Tri3$

X.MESH WIDTH=0.12 N.SPACES=8

X.MESH WIDTH=0.035 N.SPACES=6

X.MESH WIDTH=0.09 N.SPACES=15

X.MESH WIDTH=0.035 N.SPACES=6

X.MESH WIDTH=0.12 N.SPACES=8

Y.MESH Y.TOP=-0.004 DEPTH=0.004 N.SPACES=4

Y.MESH DEPTH=0.015 N.SPACES=4

Y.MESH DEPTH=0.010 N.SPACES=4

Y.MESH DEPTH=0.005 N.SPACES=8

Y.MESH DEPTH=0.37 N.SPACES=10

#-----#

#SPREAD Location=Left Width=0.125 Upper=0 Lower=2 Thickness=0.02 Encroach=1

#SPREAD Location=Right Width=0.125 Upper=0 Lower=2 Thickness=0.02 Encroach=1

#-----#

REGION Label=N.SUBSTRATE Material=Si

REGION Label=N.Oxide IY.MAX=4 Material=Ox

REGION Label=N.Source X.MIN=0.0 X.MAX=0.155 IY.MAX=4 Material=Elec

FACE Label=N.SUB Location=BOTTOM

FACE Label=N.GATE X.MIN=0.155 X.MAX=0.245 Location=Top

#-----#

DOPING Type=analytic

PROFILE Type=Uniform Ion=Donor N.PEAK=5E15 X.MIN=0.0

X.MAX=0.4 Y.TOP=0 Y.BOTTOM=0.4

PROFILE Type=analytic Ion=Donor N.PEAK=1E18 X.MIN=0.0 \

X.MAX=0.4 Y.TOP=0.00 Y.CHAR=0.02

PROFILE Type=analytic Ion=Acceptor N.PEAK=2E18 Y.Junction=0.005 \

X.MIN=0.0 X.MAX=0.15 XY.RATIO=1

PROFILE Type=analytic Ion= Acceptor N.PEAK=1E20 Y.Junction=0.02

X.MIN=0.0 X.MAX=0.120 XY.RATIO=0.5

PROFILE Type=analytic Ion= Acceptor N.PEAK=2E18 Y.Junction=0.005 \

PROFILE Type=analytic Ion= Acceptor N.PEAK=1E20 Y.Junction=0.02 \

X.MIN=0.280 X.MAX=0.4 XY.RATIO=0.5

Export VtkFile="PMOS2D.vtu" CgnsFile="PMOS2D.cgns"

