

The following tables provide the correspondence between the MATLAB code and the figures (generated from the code) in the book.

## Chapter 2

`const.m` contains common constants shared by multiple source code files.

S. No.	MATLAB File	Figure No.
1	<code>mp2VolDen.m</code>	2.3
2	<code>mp2QscPhis.m</code>	2.4
3	<code>mp2QnPhisMod.m</code>	2.5
4	<code>mp2FieldPot.m</code>	2.7
5	<code>mp2FieldPotNb.m</code>	2.8
6	<code>mp2PhisVgb.m</code>	2.9
7	<code>mp2PhisVgbExp.m</code>	2.10
8	<code>mp2NVgb.m</code>	2.11
9	<code>mp2NxX.m</code>	2.12
10	<code>mp2VtNbTox.m</code>	2.13
11	<code>mp2QnVgb.m</code>	2.14
12	<code>mp2QnVgbWeak.m</code>	2.15
13	<code>mp2CgbPhisNorm.m</code>	2.19
14	<code>mp2QnPhisVsb.m</code>	2.21
15	<code>mp2QnPhisVgbVsbA.m</code>	2.22
16	<code>mp2QnPhisVgbVsbB.m</code>	2.23
17	<code>mp2QnPhisVgbVsbA.m</code>	2.24(a)
18	<code>mp2QnPhisVgbVsbB.m</code>	2.24(b)
19	<code>mp2VtVsb.m</code>	2.25
20	<code>mp2VpVgN.m</code>	2.27
21	<code>mp2QnVsbVgb.m</code>	2.28

## Chapter 3

S. No.	MATLAB File	Figure No.
1	mp3GSWFnVar.m	3.2
2	mp3FieldPot.m	3.10
3	mp3VtVsImpDop.m	3.11
4	mp3VtVsImpDep.m	3.12
5	mp3VtVsInhomo.m	3.13
6	mp3VgTox.m	3.14
7	mp3VpVgTox.m	3.15
8	mp3VtNp.m	3.18
9	mp3QnPIsPol.m	3.21
10	mp3VpVgPoly.m	3.22
11	mp3SiGe.m	3.24
12	mp3VtExtract.m	3.26

## Chapter 4

S. No.	MATLAB File	Figure No.
1	mp4nmosout.m	4.3(a)
2	mp4nmostran.m	4.3(b)
3	mp4pmosout.m	4.3(c)
4	mp4pmostran.m	4.3(d)
5	mp4DrDiffIdVgb.m	4.8
6	mp4Level123IdsVds.m	4.9
7	mp4IdsVdsWI.m	4.11
8	mp4MemWallingIds.m	4.14
9	mp4ClmLlevel.m	4.16
10	mp4EarlyVolVds.m	4.17
11	mp4PotFieldgamma.m	4.18
12	mp4EkvCsmIdVgb.m	4.19
13	mp4EkvIdVgbVsb.m	4.21
14	mp4EkvICVdssat.m	4.22
15	mp4AcmlsVsbVgb.m	4.23
16	mp4PspIdsVdbVgb.m	4.24

## Chapter 5

S. No.	MATLAB File	Figure No.
1	mp5brewslaw.m	5.2
2	mp5diblevsyliu.m	5.6(a), (b)
3	mp5diblvtl.m	5.7(a)
4	mp5diblvtds.m	5.7(b)
5	mp5yauflsl.m	5.9
6	mp5yauvtvsbl.m	5.10
7	mp5vtwinw.m	5.12
8	mp5revshortvtlarora.m	5.14
9	mp5mobilityfy.m	5.17
10	mp5vdsatvelsat.m	5.18
11	mp5idsvdsvsat.m	5.19
12	mp5ClmEyL.m	5.25
13	mp5substrarecurr2.m	5.26
14	mp5AlphaPowerIdVd.m	5.27

## Chapter 6

S. No.	MATLAB File	Figure No.
1	mp6qpspvgb.m	6.4(a)
2	mp6qpspvgb.m	6.4(b)
3	mp6qpspvdb.m	6.5(a)
4	mp6qpspvdb.m	6.5(b)
5	mp6ekvcapvg.m	6.11(a)
6	mp6ekvcapvd.m	6.11(b)
7	mp6juncap1.m	6.13
8	mp6dynamiciv.m	6.2(a)
9	mp6dynamiciv.m	6.2(b)
10	mp6chargesharing.m	6.3(a)
11	mp6chargesharing.m	6.3(b)

## Chapter 7

S. No.	MATLAB File	Figure No.
1	mp7SubbandEnergies.m	7.5
2	mp7CarriDist.m	7.6
3	mp7InvCentroid.m	7.7
4	mp7QMCap.m	7.10
5	mp7dvth.m	7.11
6	mp7gatecursub.m	7.16(a)
7	mp7gatecurdrain.m	7.16(b)
8	mp7gidlbend.m	7.21
9	mp7gidlidvg.m	7.22
10	mp7QMphis.m	7.8

## Chapter 8

S. No.	MATLAB File	Figure No.
1	mp8dgPhisPlot.m	8.9
2	mp8PierretVddep.m	8.10
3	mp8Id_Vd.m	8.11
4	mp8CurrentCompare.m	8.12
5	mp8SCEKVVtRoll.m	8.13
6	mp8SCEKVDibl.m	8.14