

File Help **Menu Bar**

	EbN0 (dB)
Simulation Result	Results

Table (View results - Import & Export)

Eb/N0 range: 0:2:12 dB

Eb/N0 range for simulation**Channel Properties**

Channel Type: AWGN

Channel model: [1]

Receiver Properties

Modulation type: PSK

Equalizer Type: None

Modulation order: 2

Equalizer order: 1

Simulation Limits

Number of errors: 10

or

Number of Symbols: 1e6

Size of packets: 1e5 Symbol

Plot Properties

	Line	Marker	Color
Theory:	--	n...	Blue

Simulation:	n...	*	Red
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Status bar
Ready**Start
Button**

Run



Previous Results

	0	2	4	6	8	10	
16-QAM	0.1489	0.1218	0.0908	0.0577	0.0288	0.0103	^
8-PSK	0.1534	0.1184	0.0820	0.0480	0.0214	0.0069	
4-PSK	0.1069	0.0668	0.0336	0.0125	0.0030	3.4667e-04	
4-DPSK	0.1963	0.1458	0.0965	0.0521	0.0226	0.0065	
2-PAM	0.1133	0.0708	0.0378	0.0147	0.0041	4.7000e-04	
1-QAM	0.1065	0.0573	0.0340	0.0133	0.0037	3.1589e-04	v

Eb/NO range: 0:2:12 dB

Progress Window

Channel Properties

Channel Type: AWGN

Channel model: [0.01 .12 .98 .1 .03]

Receiver

Progress

Eb/NO (86%) Remaining Time (EbN) 2 secs



Number of errors (29%) Remaining Time (Number of errors) 85 secs



Simulation Limits

Plot Properties

Number of errors: 500

Number of Symbols: 1e7

Size of packets: 1e5 Symbol

Line Marker Color

Theory: -- n... Blue

Simulation: n... * Red

Status Bar Busy

Start Button

Please wait ...

Cancel This Eb/NO

Cancel This Packet

Progress Eb/NO

% Progress number of founded errors



File Help

	EbN0 (dB)
Simulation Result	Results

Don't try to cheat the program cause I checked every possible scenario

If you enter undefiend input

Eb/N0 range: dB

Channel Properties

Channel Type: Channel model:

Reciver Properties

Modulation type: Equalizer Type: Modulation order: Equalizer order:

Simulation Limits

Number of errors:

or

Number of Symbols: Size of packets: Symbol

Plot Properties

Line Marker Color

Theory: Simulation:

Check for the reason here

Channel model: Undefined input

You can't run the program



File Help

New Ctrl+N

Load Ctrl+L

Save Ctrl+S

Quit Ctrl+Q

New the session

Load previously saved session

Save Results

Quit the program

Eb/NO range: 0:2:12 dB

Channel Properties

Channel Type: AWGN

Channel model: [0.2 0.9 0.1]

Receiver Properties

Modulation type: DPSK

Modulation order: 8

Equalizer Type: ZF

Equalizer order: 3

Simulation Limits

Number of errors: 10

or

Number of Symbols: 1e6

Size of packets: 1e5 Symbol

Plot Properties

Line Marker Color

Theory: — n... Blue

Simulation: n... * Red

Ready

Run



File Help

	0	2	4	6	8	
8-PSK	0.1160	0.0794	0.0451	0.0208	0.0063	9
Loaded Results	0.1980	0.1644	0.1277	0.0893	0.0538	
4-QAM	0.0761	0.0366	0.0129	0.0025	2.0000e-04	5

< **Loaded data for comparison** >

Eb/NO range: 0:2:12 dB

Channel Properties

Channel Type: AWGN

Channel model: [1]

Receiver Properties

Modulation type: QAM

Equalizer Type: None

Modulation order: 4

Equalizer order: 1

Simulation Limits

Number of errors: 10

or

Number of Symbols: 1e6

Size of packets: 1e5 Symbol

Plot Properties

	Line	Marker	Color
Theory:	—	n...	Blue

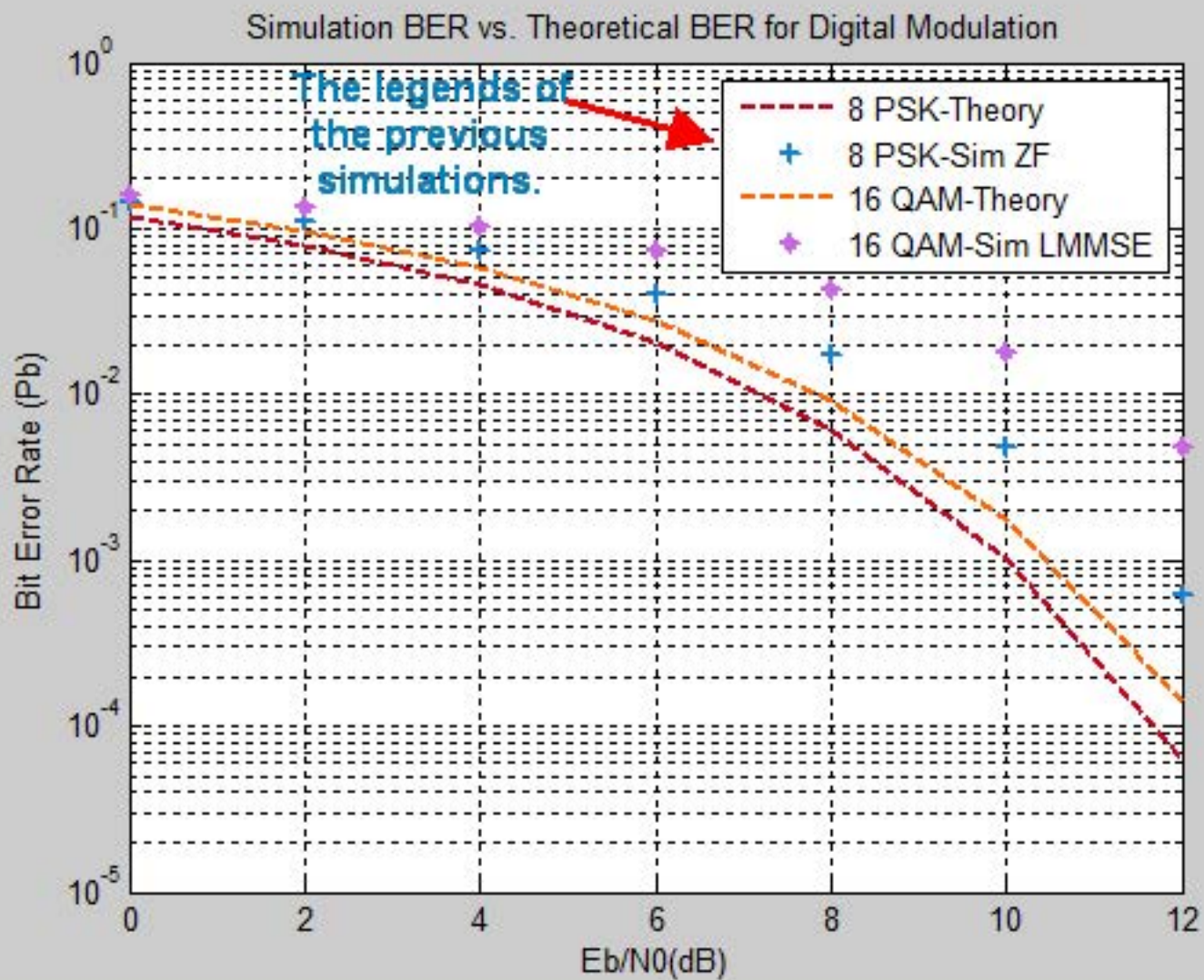
Simulation:	n...	*	Red
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Ready

Run

Figure 1

File



Ready

Run



IB_BERTool



File Help

	0	2	4	6	8	10	
2-PSK	0.0787	0.0382	0.0121	0.0023	2.0000e-04	2.0000e-06	

Don't worry, we won't let you lose your last datas if you want to quit.

IB_BERTool

Do you want to save the results?

Yes

No

Cancel

Eb/NO range: 0.2:1

Channel Properties

Channel Type: AWGN

el: [1]

Receiver Properties

Modulation type: PSK

Equalizer Type: None

Modulation order: 2

Equalizer order: 1

Simulation Limits

Number of errors: 10

or

Number of Symbols: 1e6

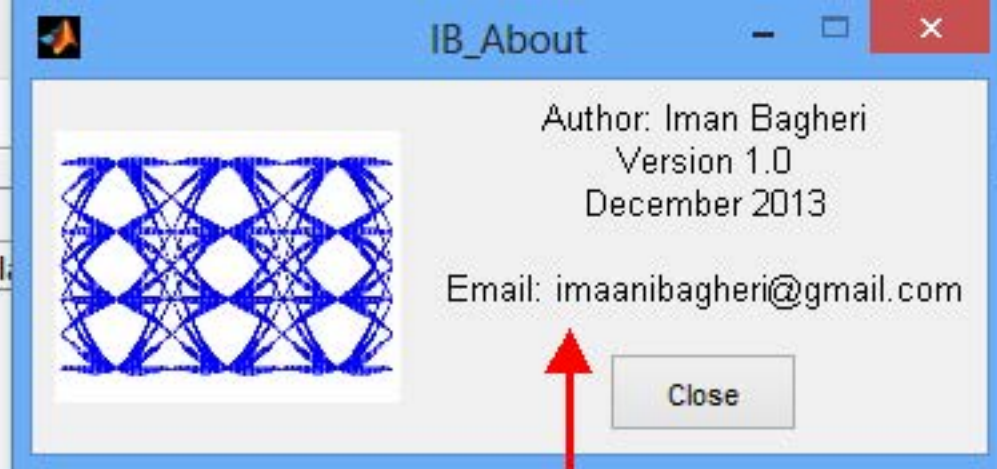
Size of packets: 1e5 Symbol

Plot Properties

	Line	Marker	Color
Theory:			Blue
Simulation:		*	Red

Ready

Run



About the author

Eb/NO range: dB

Channel Properties

Channel Type:

Channel model:

Receiver Properties

Modulation type:

Equalizer Type:

Modulation order:

Equalizer order:

Simulation Limits

Number of errors:

or

Number of Symbols:

Size of packets: Symbol

Plot Properties

	Line	Marker	Color
Theory:	<input type="text" value="--"/>	<input type="text" value="n..."/>	<input type="text" value="Blue"/>

Simulation:	<input type="text" value="n..."/>	<input type="text" value="*"/>	<input type="text" value="Red"/>
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Ready

Run