## Installing GPenSIM version 11 (released: 01 November 2024)

Installation takes five simple steps:

## **<u>1. Unzip the GPenSIM v11 packs:</u>**

Unzip the GPenSIM System files (a collection of M-files) under a directory, say "d:\GPenSIM\GPenSIM11\".

Similarly, unzip the examples file (Examples-01-38.zip) under another directory, say "d:\GPenSIM\Examples-01-38\"

## 2. Set MATLAB Path Command:

• Start MATLAB. Go to the file menu in MATLAB, and select "set path" command:

🔸 Set Path		
All changes take effect immediat	ely.	
Add Folder	MATLAB search path:	
Add with Subfolders	P:(MATLAB) D:(A(01-Research\Projects\GPenSIM\Version-05\gpensim)	
	D:\MATLAB\R2010b\toolbox\matlab\general  D:\MATLAB\R2010b\toolbox\matlab\ops	
	D:\MATLAB\R2010b\toolbox\matlab\lang	
Move to Top	D:\MATLAB\R2010b\toolbox\matlab\elmat     D:\MATLAB\R2010b\toolbox\matlab\elfun	
Move Up	D:\MATLAB\R2010b\toolbox\matlab\specfun	
Move Down	D:\MATLAB\R2010b\toolbox\matlab\datafun	
Move to Bottom	D:(MATLAB)R2010b(colbox(matlab)polyrun D:(MATLAB)R2010b(colbox(matlab)funfun D:(MATLAB)R2010b(colbox)matlab)funfun	
	D:\MATLAB\R2010b\toolbox\matlab\sparrun     D:\MATLAB\R2010b\toolbox\matlab\scribe	
	D:\MATLAB\R2010b\toolbox\matlab\graph2d     D:\MATLAB\R2010b\toolbox\matlab\graph3d	
Remove	D:\MATLAB\R2010b\toolbox\matlab\specgraph	~
	Save Close Revert Default	Help

Figure 1-1: Set Path dialog

• Select "Add with Subfolders":



Figure 1-2: Add folder dialog

**<u>3. Add GPenSIM Directory:</u>** 

A new dialog box will appear. Browse through the directories and select the directory where you have unzipped the **GPenSIM version 11 System Files**.

<u>CAUTION!</u> Add ONLY the folders and subfolders of GPenSIM <u>systems files</u> to the MATLAB path. <u>DO NOT</u> add the folders of <u>examples</u> or your working folders to the path.

4. Save and close the set path dialog box.

## 5. Test Installation

Go to MATLAB command window and type 'gpensim'; if the following (or similar) output is printed, then the installation is complete.

```
>> gpensim
------
GPenSIM version 11.0; Lastupdate: 01 December 2023
(C) Reggie.Davidrajuh@uis.no
http://www.davidrajuh.net/gpensim
------>>
```