

[5.4 - Variables page 42](#)

Add the following table for clarification of default initial values.

The default initial value for ALL SystemVerilog needs to be indicated in a table.

Type	Default Initial value
4 state integral	'X
2 state integral	'0
real,shortreal	0.0
Enumeration	First value in the enumeration
String	"" (empty string)
event	New event
class	null
chandle (Opaque handle)	null

DWS: LRM-229

[11.10 - In example page 90](#)

Change in the middle example:

From: b2.a.j =50; // change a, shared by both b1 and b2
To: b2.a.j =50; // change a.j, shared by both b1 and b2

DWS: LRM-230

[12.2 Overview section page 101](#)

Delete the larger font statement in the middle of the page, this is duplicate of the smaller font statement just above. The statement reads as follows, start of line:

Using inheritance to build layered constraint systems enables the development of general-purpose models that can be constrained to perform application-specific functions.

DWS: LRM-222

[12.4.3 – page 106:](#)

Add 'ascending' in range description as follows. In the second paragraph, change the line:

Change:expressions and ranges. Ranges are specified with a low and high bound, ...
to:expressions and ranges. Value Ranges are specified in ascending order with a low and high bound, ...

DWS: LRM-231

[12.4.8 – variable ordering – page 110: typo In the number](#)

232 in the middle of the page should be 2**32 (power of 32):

Change: There are 232 valid combinations of....
to: There are 2**32 valid combinations of ...

Change: Thus the probability that s is true is 1/232, which is practically zero.

To: Thus the probability that s is true is 1/(2**32), which is practically zero.

DWS: LRM-232

[13.2 Semaphores page 122](#)

add this statement for declaration of semaphore for clarity. Add it right after the first paragraph in 13.2.

Here is an example of semaphore declaration: `semaphore smTx;`

DWS: LRM-233

[13.3 Mailboxed page 124](#)

add this statement for declaration of mailboxes for clarity. Add it right after the first paragraph in 13.3.

Here is an example of mailbox declaration: `mailbox mbxRcv;`

DWS: LRM-234

[19.4 – modports – page 227](#)

typo in the example towards the end

Change: `s u2(.i(i.master));`
to: `s u2(.i(i.slave));`

DWS: LRM-139

[19.4.3 – an example of connecting modports – page 230](#)

The keyword `interface` in module definitions for `memMod` and `cpuMod` should be **bold**.

Change: `module memMod(interface a);`
To: `module memMod(interface a);`

Change: `module cpuMod(interface a);`
To: `module cpuMod(interface a);`

DWS: LRM-235

[19.5.2 – an example using task in modport – page 233](#)

Two typos:

in `memMod` `b.gnt` and `b.req` should be `a.gnt` and `a.req`

The keyword `interface` in `cpuMod` should be **bold**.

Change `b.gnt <= b.req & avail; // the gnt and req signals in the interface`
To: `a.gnt <= a.req & avail; // the gnt and req signals in the interface`

DWS: LRM-196

Change: `module cpuMod(interface a);`
To: `module cpuMod(interface a);`

DWS: LRM-236