```
#Test script for workshop
```

Initialize

```
library(knitr)
#knitr::spin("test.r")
library(dae)
packageVersion("dae")

## [1] '3.2.15'
library(odw)
packageVersion("odw")

## [1] '2.1.4'
b <- 5
t <- 5</pre>
```

Construct a systematic layout and obtain the randomized layout for an RCBD

Plot the layout

Get the anatomy of the layout

```
##
## Summary table of the decomposition for plots & lines \,
##
## Source.plots df1 Source.lines df2 aefficiency eefficiency order
##
   Rows
                    4
##
   Columns [Rows]
                   20 Lines
                                             1.0000
                                                         1.0000
                                     4
                                                                    1
                      Residual
##
                                    16
```

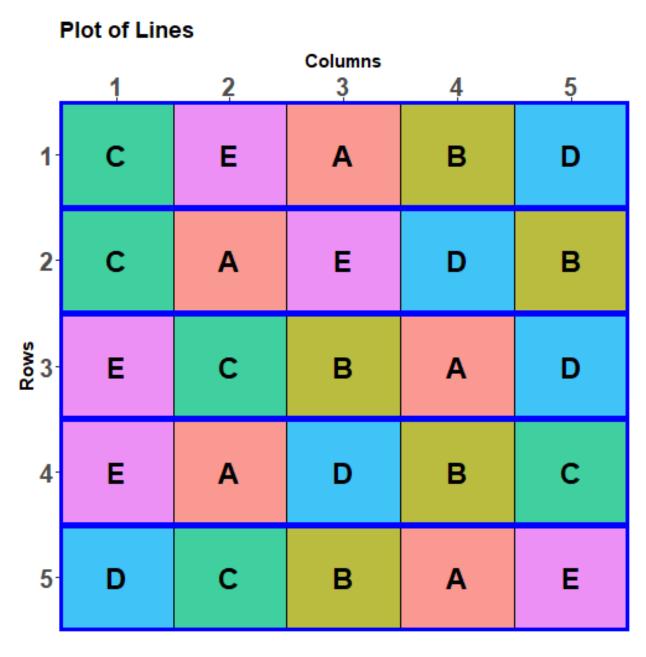


Figure 1: plot of chunk unnamed-chunk-4

Use odw to get an optimal row-column design

Plot the layout

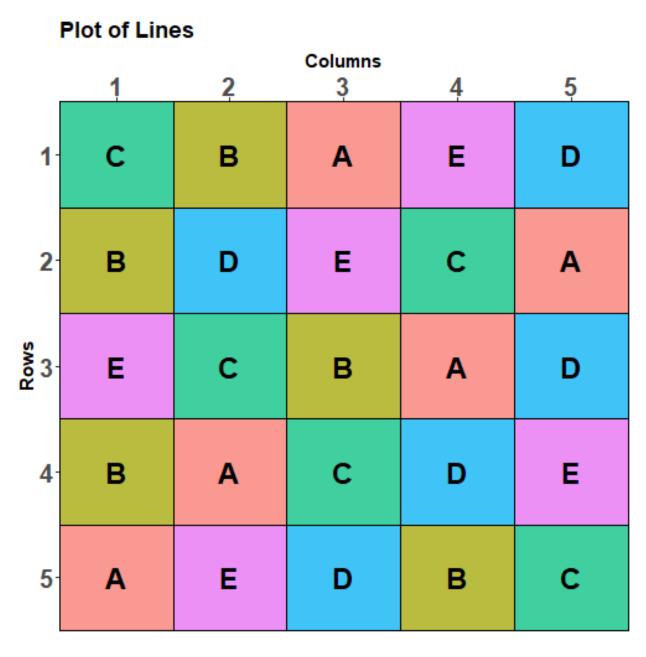


Figure 2: plot of chunk unnamed-chunk-7