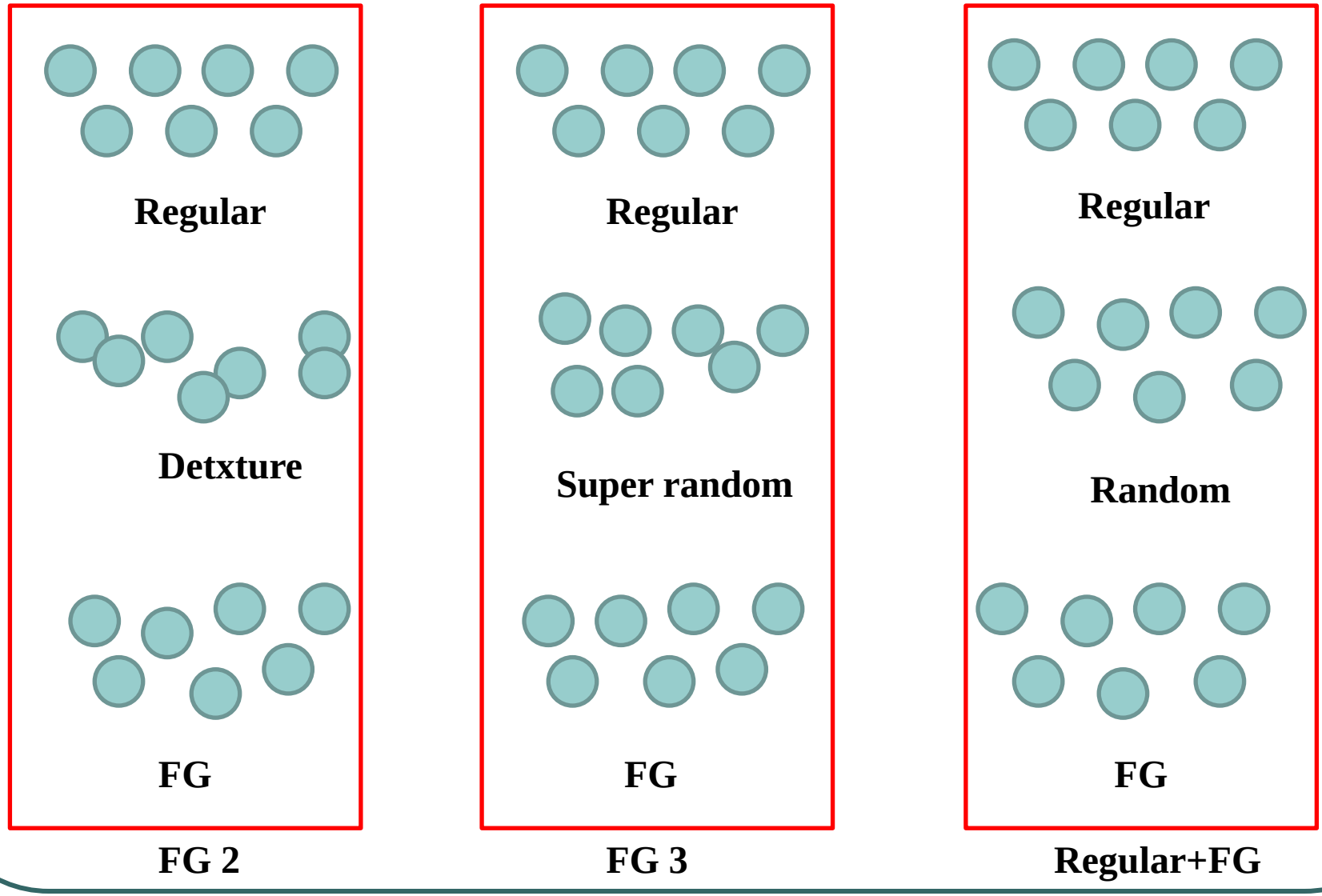
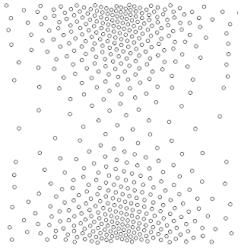
BacklightFly Outputs--Dot

A: all dots with same size. It is typical for laser process.
B: Fixed dots position, change dot size, It is typical for Printing
C: Miscellaneous, Analysis purpose.

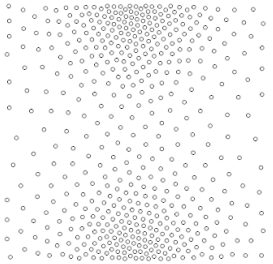
Inheritance of same size



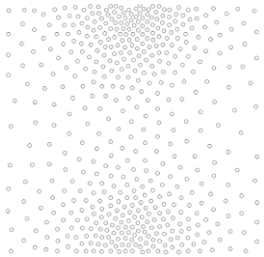
Output result comparison



Regular

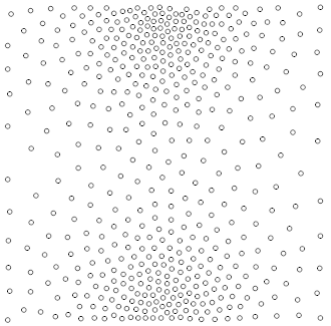


Regular+FG



FG2

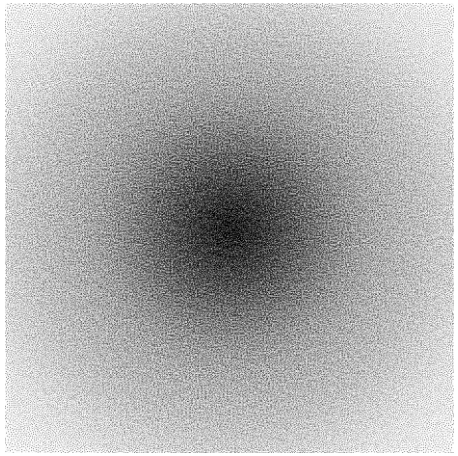
FG3



Output(Laser)

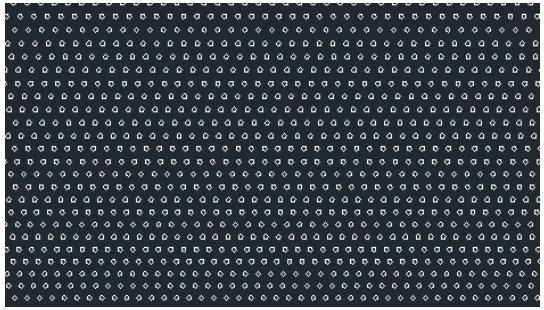
Fixed X,Y processing

Rasterization



Homogeneous

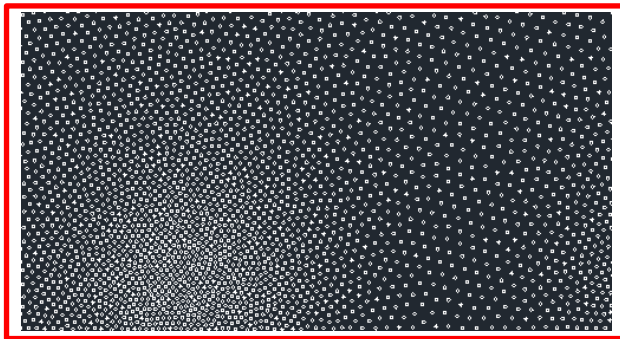
Same Size Output
(Enable fine grained processing)



Laser
(Same
Size)

sharp image

Fine Grained 3



light guide
or general purpose

Fine Grained 2

Decision Tree (Printing)

Printing (Same Pitch)

Max. Size
Min. Size
Min. Spacing

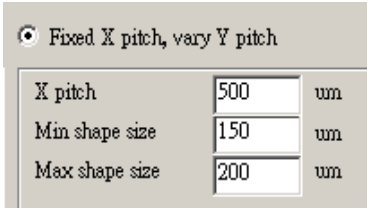
Design rule check

Optic Design:

Density Range

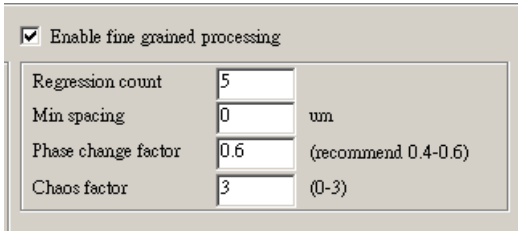
Output setting

Out of spec. Turn on "Fixed X pitch, vary Y pitch"



Mura inhibition

Mura Turn on "Enable fine grained processing"



Febees! SOFTWARE

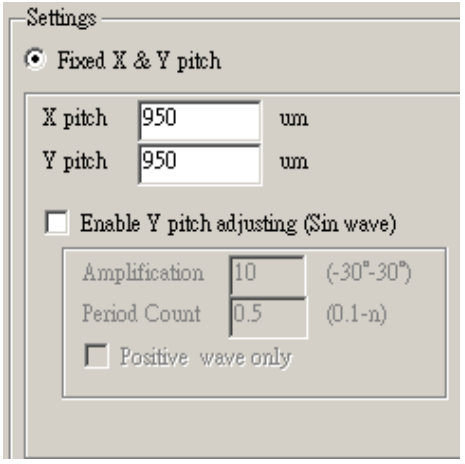
Example(Printing)

1 **Design rule**
Max size:900um
Min Size 300um
Min Spacing 50um

2 **Calculated**
Max Density~0.81 at pitch =900+50um
Min Density~0.09 @ size=300um

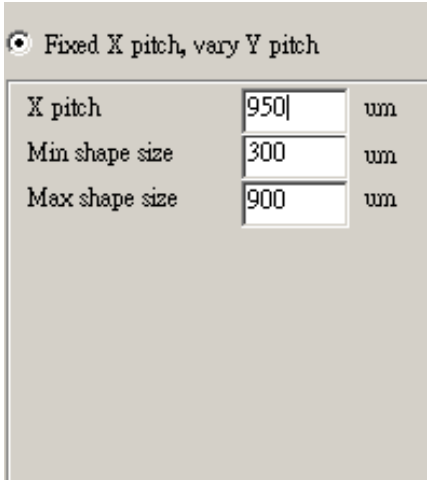
3

Case 1: density range in (9~81%)



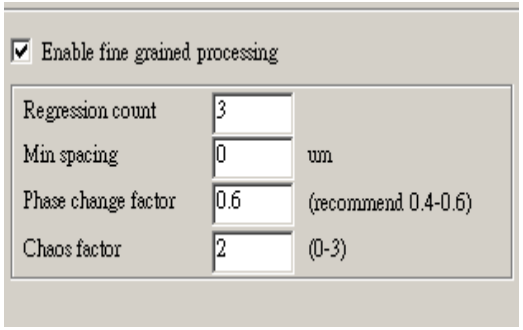
Fixed X& Y Pitch

Case 2: Min Density<9%



Fixed X pitch, vary Y Pitch

4

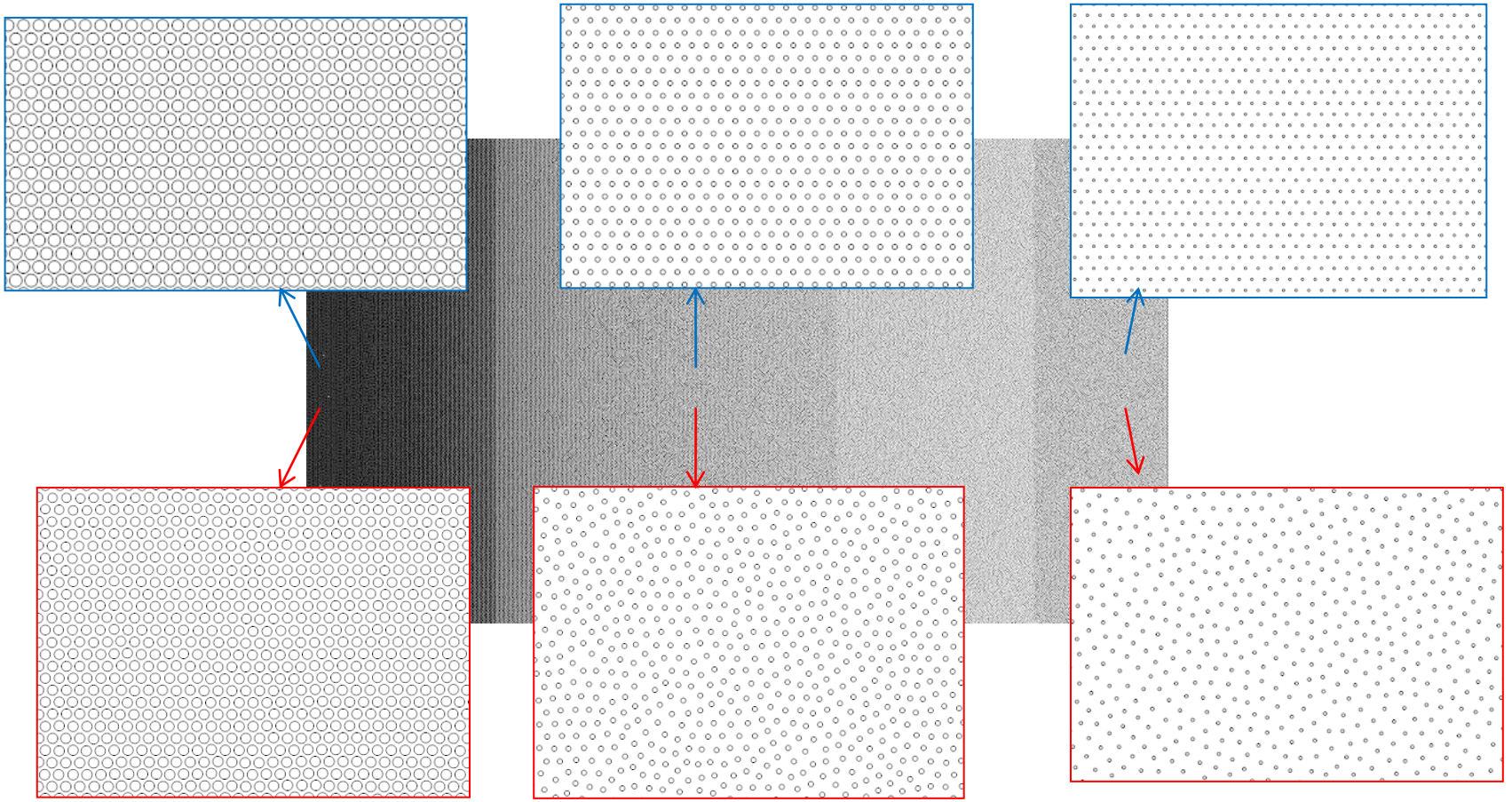


Mura inhibition

Febees! SOFTWARE

Output(Printing)

Same Pitch(Fixed X , vary Y pitch)



Same Pitch –Fine Grained 3