



size = rows x columns

rows=  $2 \cdot (b-1)$

columns=  $2 \cdot (a-1)$

radius=  $z$

$z = \text{sqrt}((x-a)^2 + (y-b)^2)$

$a = x_1 + (x_2 - x_1)/2$

$b = y_1 + (y_2 - y_1)/2$