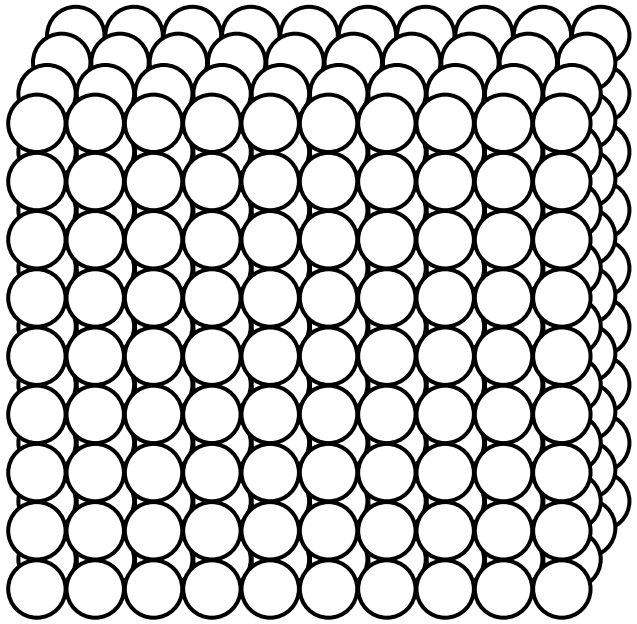
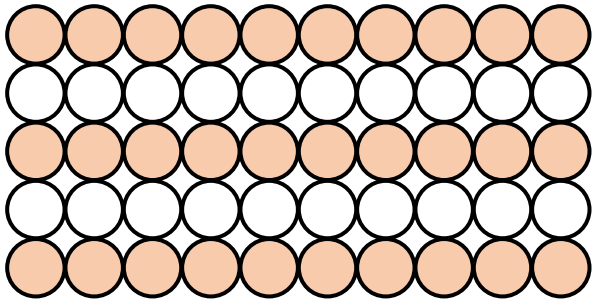
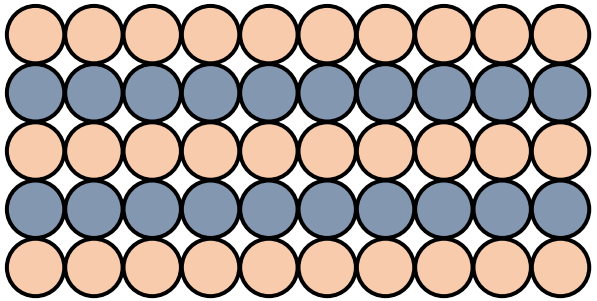




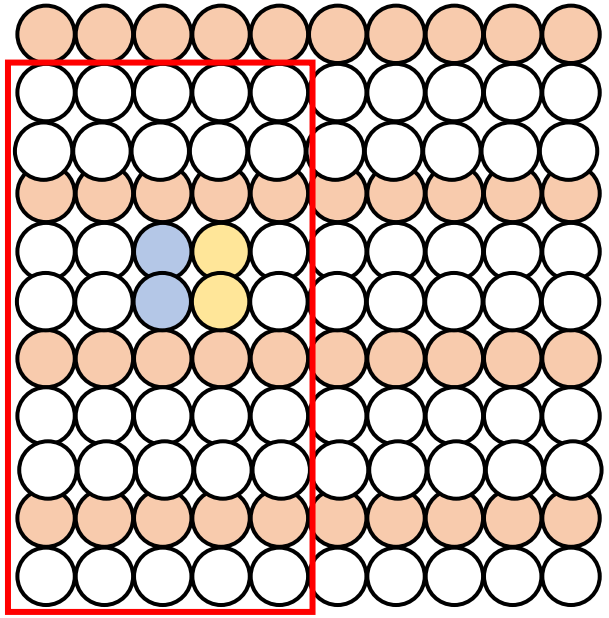


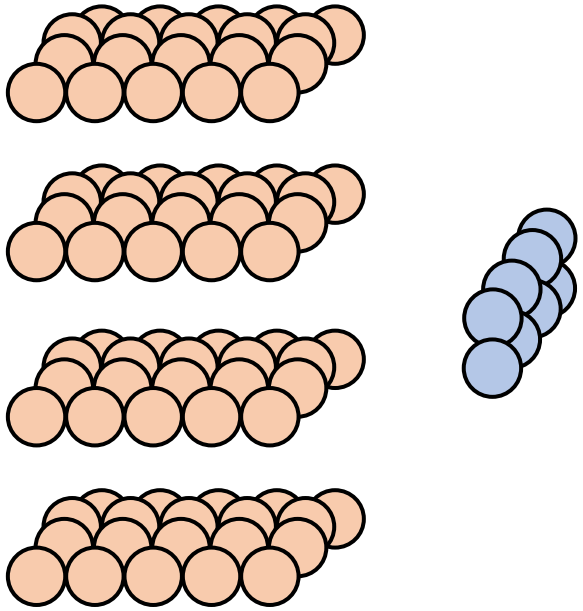
Imagine white circles are filled with the same color. It's ACS!

this is a block!

Extract

ACS: 11 x10
R=3
K=4x5 (n_k: 20)
Coil=4
block_h:16 **10** 13
block_w: 5





at Box #1

R*(R-1)+1 = 3*2+1 = 7

Loop # of PE direction
ACS_h - block_h + 1
Loop # of RO direction
ACS_w – block_w + 1

coin # 1

It is a zero-filled k-space!!!!!!!

It’s large, but we are looking at a part of it

this is a block!

Core

KZ_k: 110 x100

our simulation: 10x10

R=2

K=2x3 (n_k: 6)

Coil=4

block_h:16 **10** 13

block_w: 5

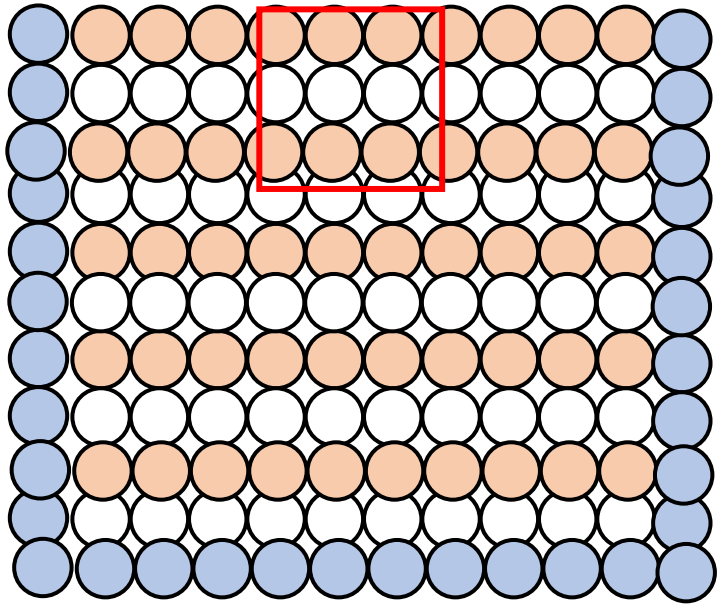
R*(R-1)+1 = 3*2+1 = 7

Loop # of PE direction

ACS_h - block_h + 1

Loop # of RO direction

ACS_w – block_w + 1

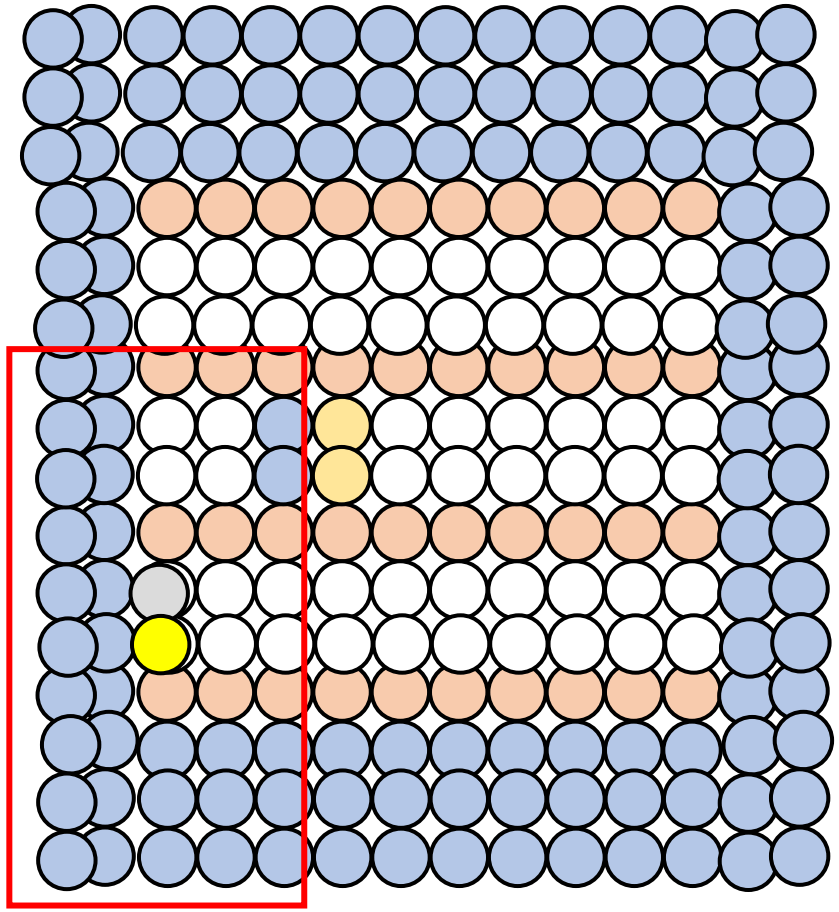


coin # 1

It is a zero-filled k-space!!!!!!!

It’s large, but we are looking at a part of it

this is a block!



KZ_k: 110 x100
our simulation: 10x10
R=3
K=4x5 (n_k: 20)
Coil=4

block_h:16 **10** 13
block_w: 5

R*(R-1)+1 = 3*2+1 = 7

Loop # of PE direction
ACS_h - block_h + 1
Loop # of RO direction
ACS_w – block_w + 1

Extract

Pad_up: **3** 4
Pad_down: 3 4 5

Pad_left: 2
Pad_right: 2

coin # 1