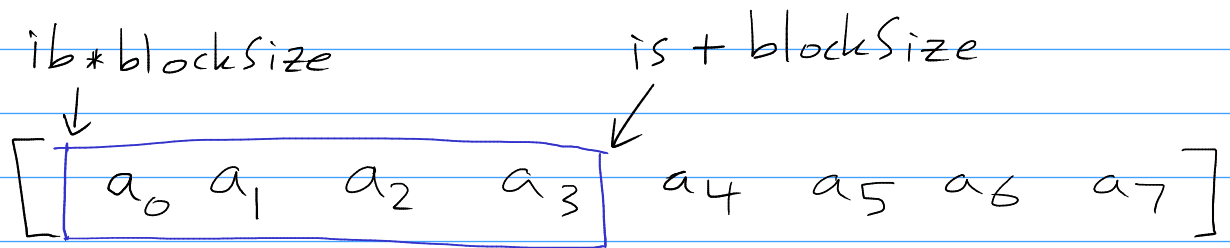


1D block
"block" size = 4

$$is = ib * blockSize$$



$$is \leq i < is + blockSize$$

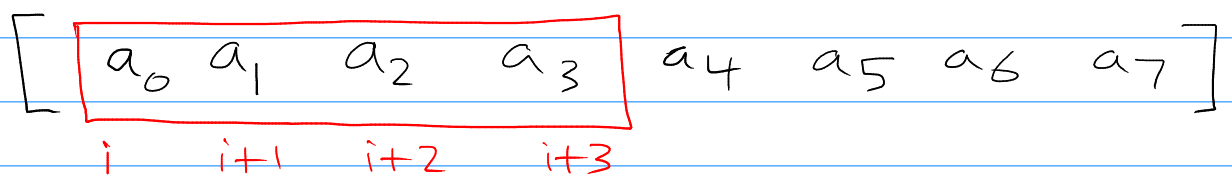
for ($ib = 0$; $ib < blockSize$; $ib++$)

$is = ib * blockSize$;

for ($i = is$; $i < (is + blockSize)$; $i++$)

$a[i] = \dots$

loop unroll factor = 4



for ($i = 0$; $i < arraySize$; $i += unrollFact$)

$a[i] = \dots$

$a[i+1] = \dots$

$a[i+2] = \dots$

$a[i+3] = \dots$