n1
0
n1−1
input, out−of−place
0
1
2
3
n1−4
n1−3
n1−2
n1−1
n1
n1+1
...
n0
n0−1
n1/2+1
0
n1/2
output
0
1
n1/2−2
n1/2−1
n1/2
n1/2+1
...
n0
n0−1
= double
= fftw_complex
n1 + 2−n1%2= 2*(n1/2+1)
0
n1+1
input, in−place
0
1
2
3
n1−4
n1−3
n1−2
n1−1
n1
n1+1
n1+2
n1+3
...
n0
n0−1
(padding)