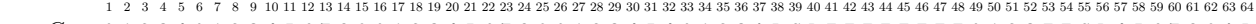
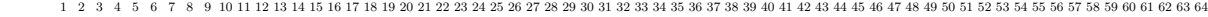
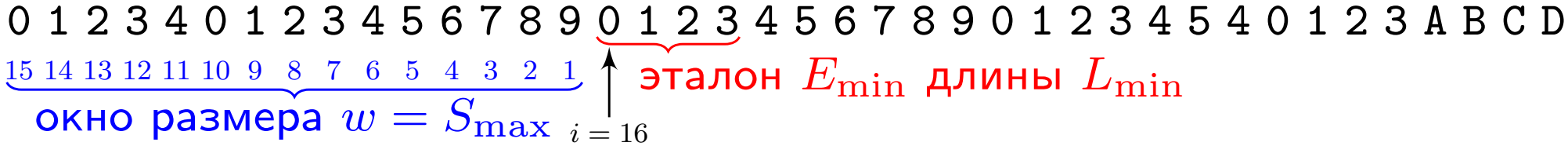
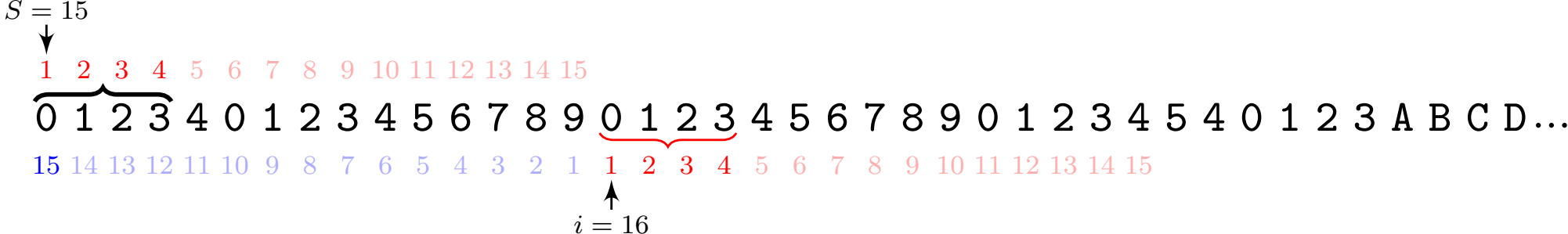
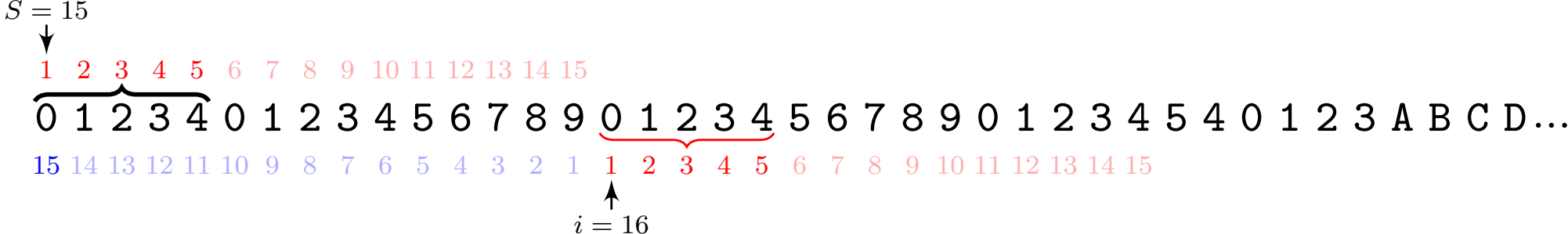

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
C = 0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F 0 1 2 3 E F C D 4 5 6 7 8 9 A B
p = 6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49
A1(C) = 0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 6 F A 5 4 6 4 7 A B C D E F 6 6 1 0 1 2 3 E F C D 4 5 6 0 7 8 9 A B


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
C =
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3 E F C D 4 5 6 7 8 9 A B
$(0^4, 1^4, 2^4, 3^4, 4^4, 5^3, 6^2, 7^2, 8^2, 9^2, A^2, B^2, C^2, D^2, E^2, F^8)$


0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
окно размера $w = S_{\max}$
$i = 16$
эталон $E_{\min}$ длины $L_{\min}$


$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$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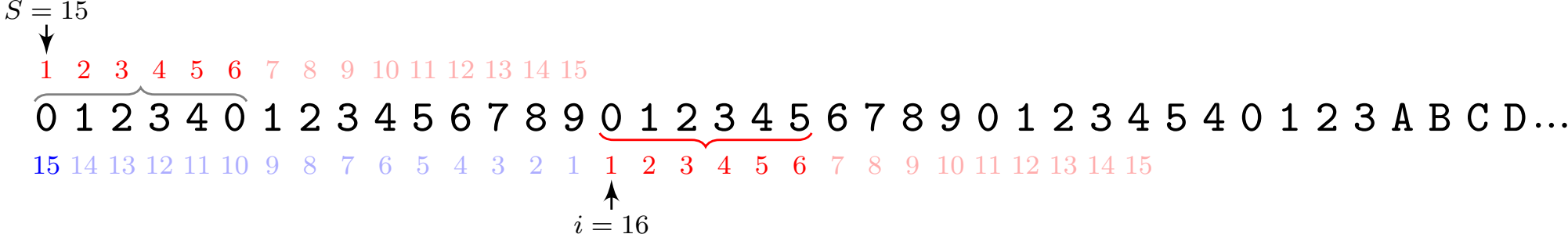
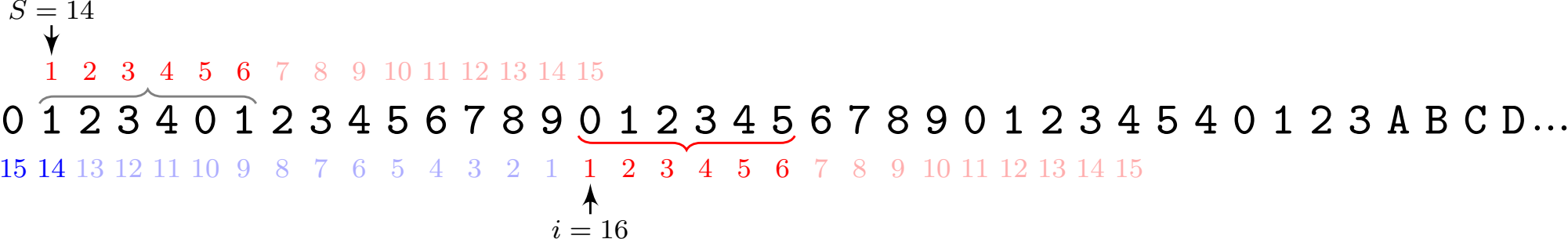
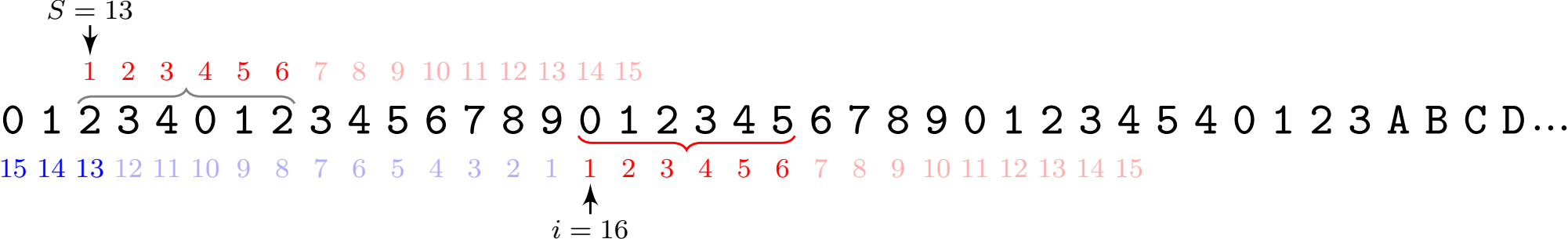
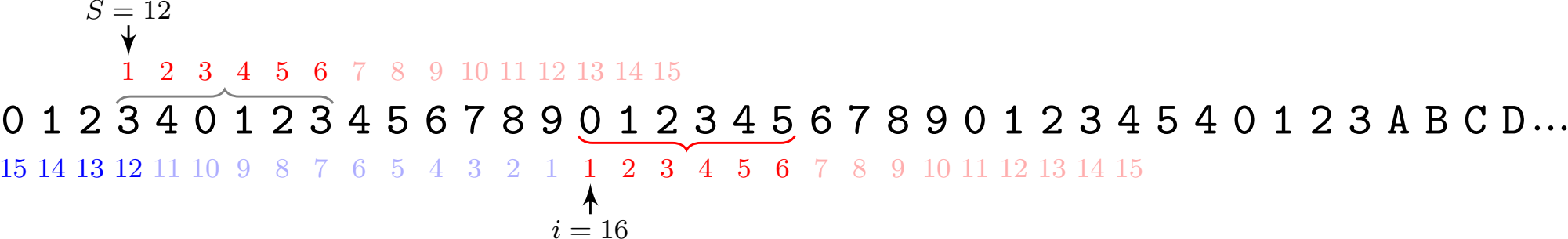
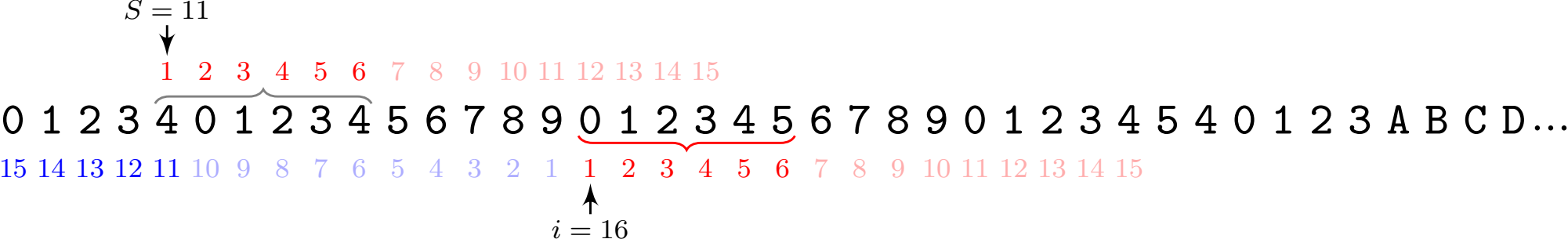
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$

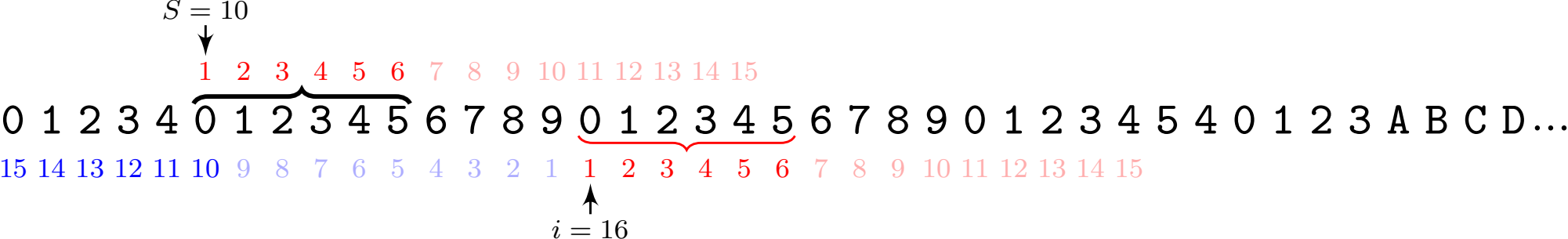

$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$

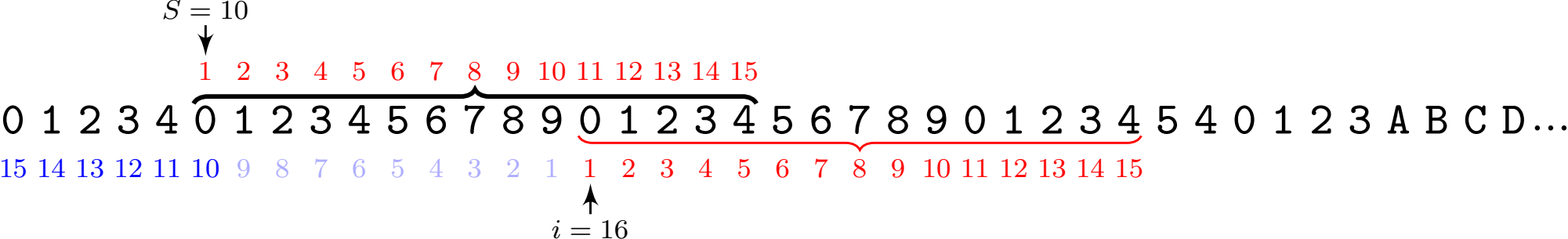

$S = 14$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$

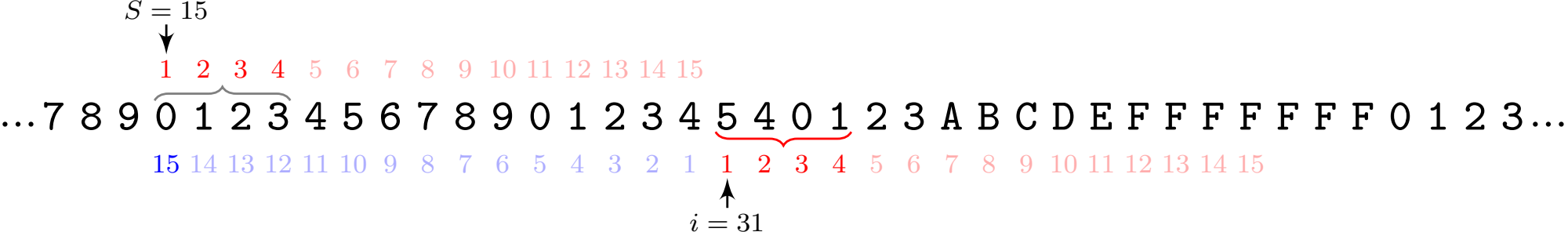

$S = 13$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$

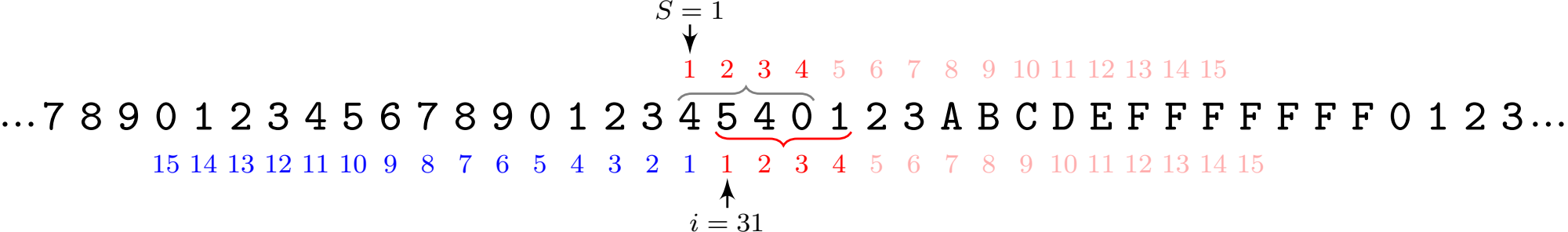

$S = 12$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$

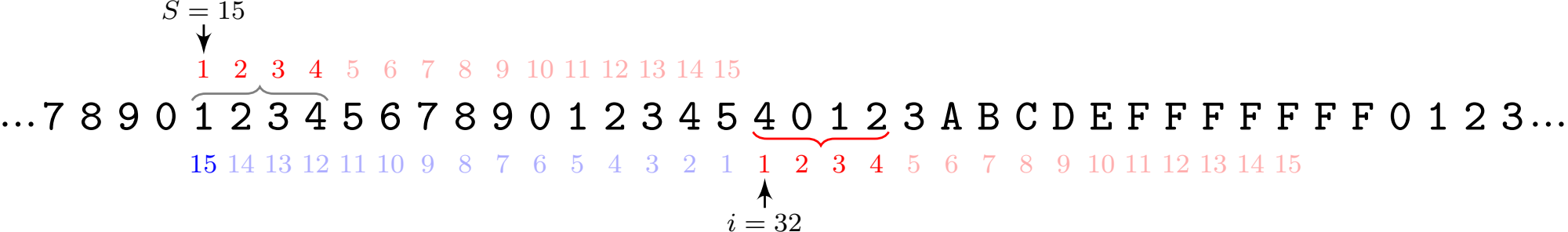

$S = 11$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$

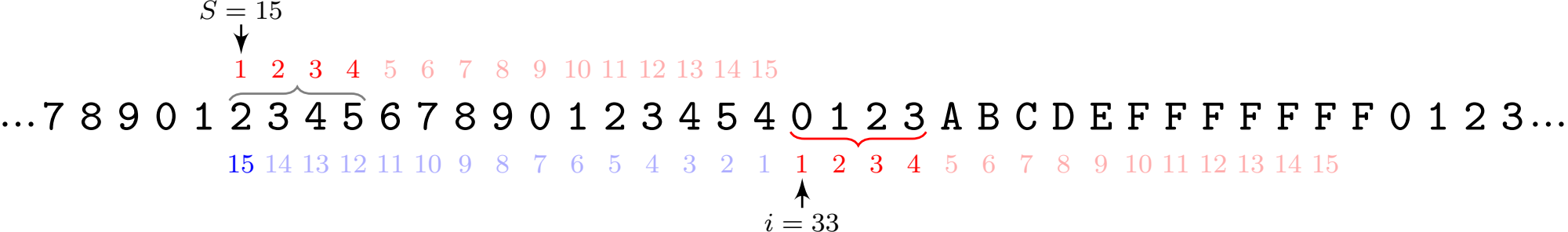

$S = 10$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$

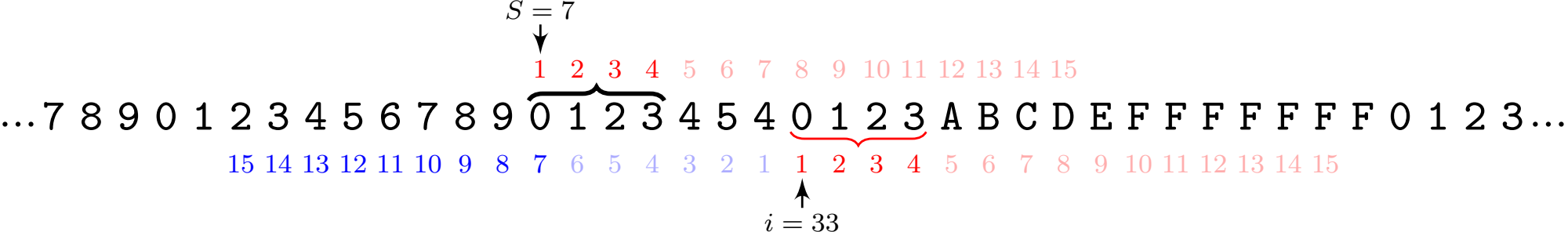

$S = 10$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
0 1 2 3 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 16$

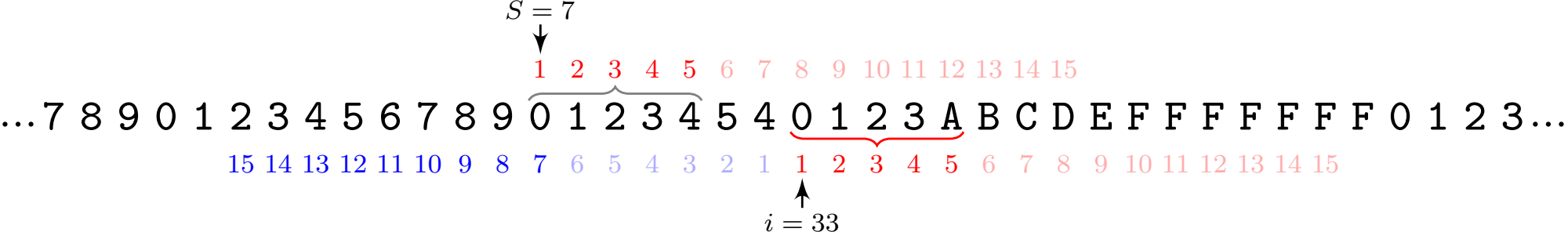

$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 31$

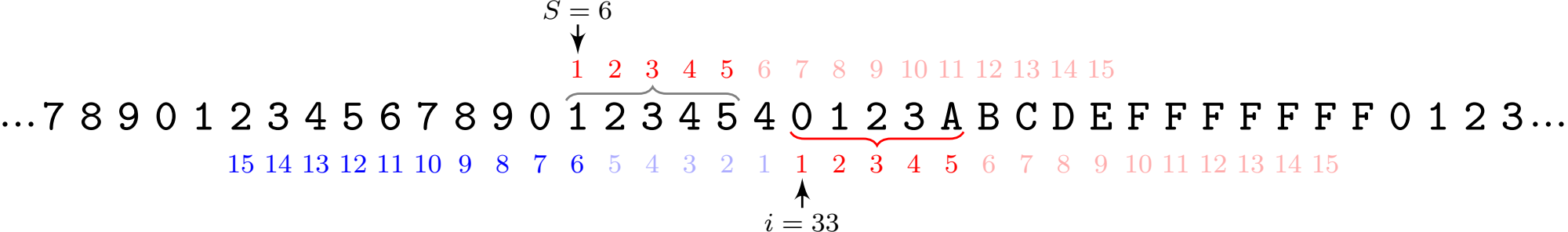

$S = 1$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 31$

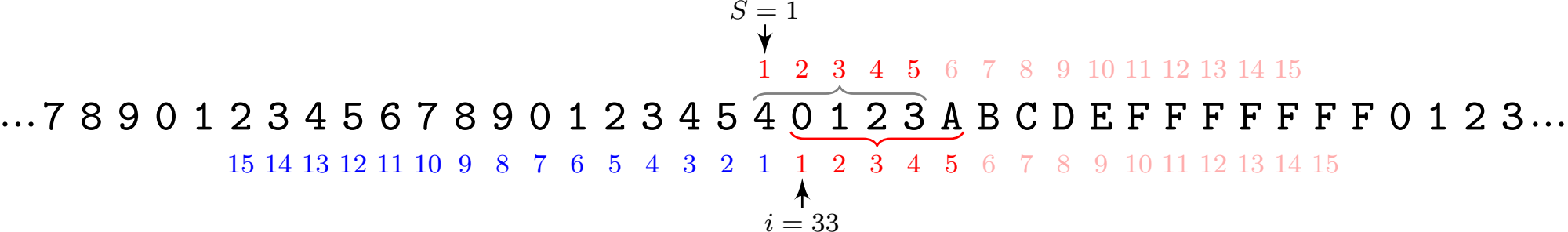

$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 32$

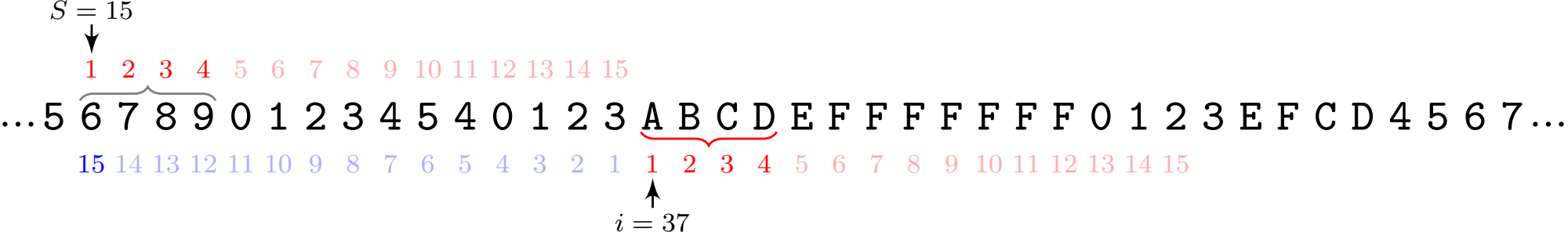

$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 33$

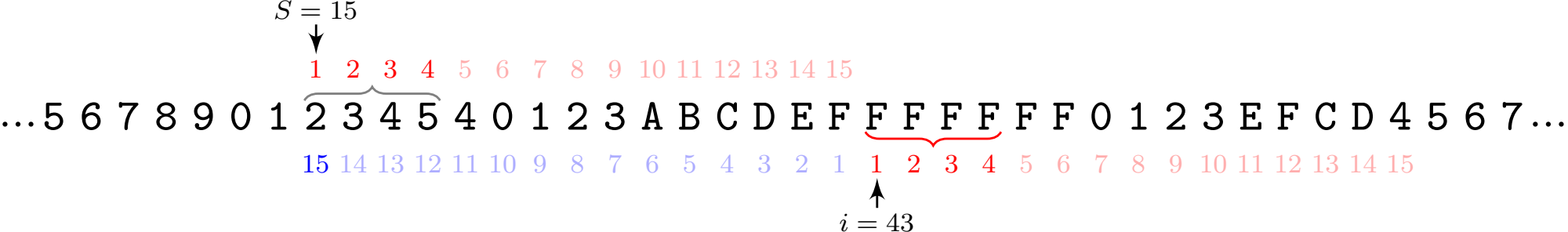

$S = 7$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 33$

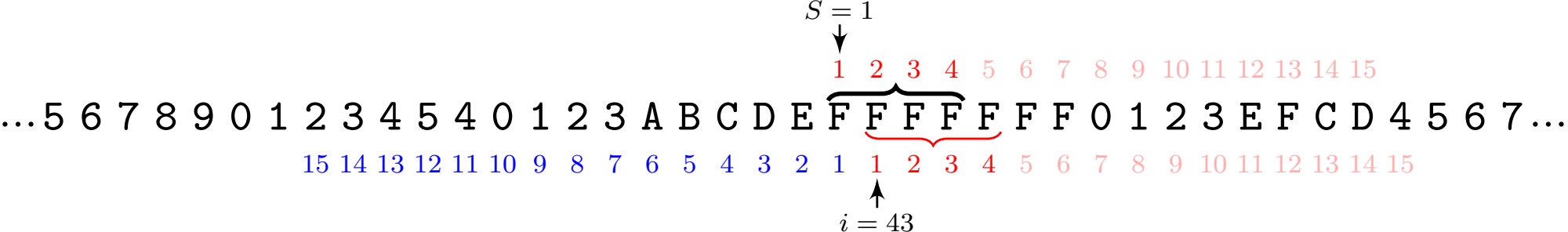

$S = 7$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 33$

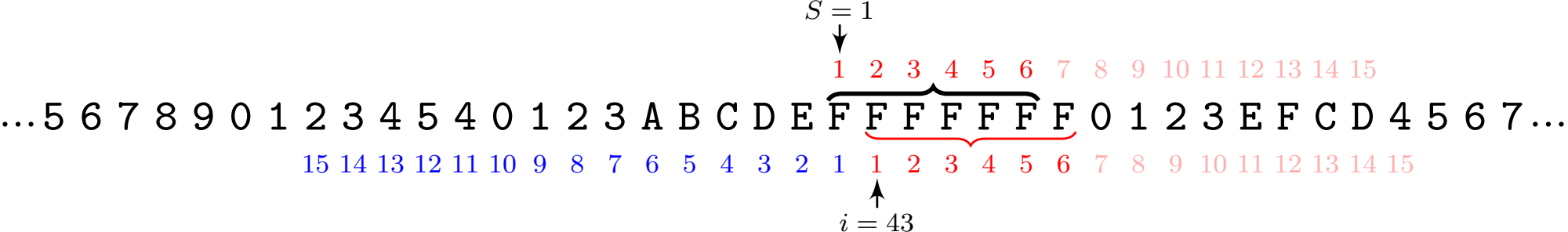

$S = 6$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 33$


$S = 1$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 33$


$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3 E F C D 4 5 6 7...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 37$


$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F 0 1 2 3 E F C D 4 5 6 7...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 43$


$S = 1$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3 E F C D 4 5 6 7...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 43$


$S = 1$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...5 6 7 8 9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3 E F C D 4 5 6 7...
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 43$

$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3 E F C D 4 5 6 7 8 9 A B
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 49$

$S = 15$
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
...9 0 1 2 3 4 5 4 0 1 2 3 A B C D E F F F F F F F 0 1 2 3 E F C D 4 5 6 7 8 9 A B
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
$i = 50$