

List of full sensitivity spaced seeds for at most 6 mismatches

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Each spaced seed s is a periodic seed (b is a periodic block). It consists of n_b repetitions of the block and first n_d symbols of the blocks. Other parameters: w is the weight of the periodic seed, n_m is the maximum number of mismatches allowed to achieve the full sensitivity, L_{min} is the minimum length of a read required for the found seed.

We used the following selection criteria:

- by setting n_m and the length L of a read, we found all seeds of a maximum weight w ;
- for a given weight w we found the shortest length L_{min} of reads when we are able to find seeds;
- among all seeds found for n_m , w and L_{min} , we used only seeds of maximum length.

If a seed s is found, then its reverse version \bar{s} (all digits are in the reverse order) can also be used. To form the seeds below lists of seed blocks b were used. Those blocks were found for sizes from 10 to 50 for $n_m = 3, 4, \dots, 9$ and from 10 to 70 for $n_m = 2$. For each block size only sequences of maximum weight were used. There is a possibility that in a future longer seed blocks can be found and new spaced seeds can be formed for a given weight w (it will be possible to use them for shorter reads, i.e. L_{min} will be smaller).

- 1) $n_m = 6, w = 16, L_{min} = 75, n_b = 1, n_d = 12$,
 $b = 10011010111100000000000000000000$,
 $s = 10011010111100000000000000000000100110101111$
- 2) $n_m = 6, w = 17, L_{min} = 81, n_b = 2, n_d = 7$,
 $b = 101011100000000000000000100$,
 $s = 101011100000000000000001001010111000000000000001001010111$
- 3) $n_m = 6, w = 17, L_{min} = 81, n_b = 2, n_d = 7$,
 $b = 110101100000000000000000100$,
 $s = 110101100000000000000001001101011000000000000001001101011$
- 4) $n_m = 6, w = 17, L_{min} = 81, n_b = 2, n_d = 7$,
 $b = 100111100000000000000001000$,
 $s = 1001111000000000000000010001001111000000000000010001001111$
- 5) $n_m = 6, w = 17, L_{min} = 81, n_b = 2, n_d = 7$,
 $b = 1110101000000000010000000$,
 $s = 111010100000000001000000011101010000000000100000001110101$
- 6) $n_m = 6, w = 18, L_{min} = 84, n_b = 2, n_d = 10$,
 $b = 1001010111000000000000000$,
 $s = 10010101110000000000000001001010111000000000000001001010111$
- 7) $n_m = 6, w = 18, L_{min} = 84, n_b = 2, n_d = 10$,
 $b = 1001101011000000000000000$,
 $s = 10011010110000000000000001001101011000000000000001001101011$
- 8) $n_m = 6, w = 19, L_{min} = 86, n_b = 2, n_d = 3$,
 $b = 1110000001000001100001010000$,
 $s = 11100000010000011000010100001110000001000001100001010000111$
- 9) $n_m = 6, w = 19, L_{min} = 86, n_b = 2, n_d = 3$,
 $b = 1110000101000001100000010000$,
 $s = 11100001010000011000000100001110000101000001100000010000111$
- 10) $n_m = 6, w = 20, L_{min} = 91, n_b = 2, n_d = 8$,
 $b = 1000011100000010000011000010$,
 $s = 1000011100000010000011000010100001110000001000001100001010000111$
- 11) $n_m = 6, w = 20, L_{min} = 91, n_b = 2, n_d = 8$,
 $b = 1001010100000010000101001000$,
 $s = 1001010100000010000101001000100101010000001000010100100010010101$

- 28) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1000011100000010000011000010,$
 $s = 10000111000000100000110000101000011100000010000011000010100001110000001000001100001010000111$
- 29) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1001010100000010000101001000,$
 $s = 10010101000000100001010010001001010100000010000101001000100101010000001000010100100010010101$
- 30) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1000011100001010000011000000,$
 $s = 10000111000010100000110000001000011100001010000011000000100001110000101000001100000010000111$
- 31) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1110000101000001100000010000,$
 $s = 11100001010000011000000100001110000101000001100000010000111000010100000110000001000011100001$
- 32) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1100100100000010001001100000,$
 $s = 11001001000000100010011000001100100100000010001001100000110010010000001000100110000011001001$
- 33) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1100100110000001001000100000,$
 $s = 11001001100000010010001000001100100110000001001000100000110010011000000100100010000011001001$
- 34) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1001001100000010010001000001,$
 $s = 10010011000000100100010000011001001100000010010001000001100100110000001001000100000110010011$
- 35) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1001010100100010000101000000,$
 $s = 10010101001000100001010000001001010100100010000101000000100101010010001000010100000010010101$
- 36) $n_m = 6, w = 28, L_{min} = 119, n_b = 3, n_d = 8,$
 $b = 1010100100010000101000000100,$
 $s = 10101001000100001010000001001010100100010000101000000100101010010001000010100000010010101001$
- 37) $n_m = 6, w = 29, L_{min} = 120, n_b = 3, n_d = 9,$
 $b = 1100100110000001001000100000,$
 $s = 110010011000000100100010000011001001100000010010001000001100100110000001001000100000110010011$
- 38) $n_m = 6, w = 30, L_{min} = 126, n_b = 3, n_d = 15,$
 $b = 11000010100001110000000100000,$
 $s = 1100001010000111000000010000011000010100001110000001000001100001010000111000000100000110000101000011$
- 39) $n_m = 6, w = 30, L_{min} = 126, n_b = 3, n_d = 15,$
 $b = 1000010100001110000001000001,$
 $s = 10000101000011100000010000011000010100001110000001000001100001010000111000000100000110000101000011$
- 40) $n_m = 6, w = 30, L_{min} = 126, n_b = 3, n_d = 15,$
 $b = 1010010001001010100000010000,$
 $s = 1010010001001010100000010000101001000100101010000001000010100100010010101000000100001010010001001001$
- 41) $n_m = 6, w = 30, L_{min} = 126, n_b = 3, n_d = 15,$
 $b = 10010001001010100000001000010,$
 $s = 10010001001010100000001000010100100010010101000000100001010010001001010100000010000101001000100$
- 42) $n_m = 6, w = 30, L_{min} = 126, n_b = 3, n_d = 15,$
 $b = 1000011100001010000011000000,$
 $s = 1000011100001010000011000000100001110000101000001100000010000111000010100000110000001000011100$

- 4

- [illegible]

- 6

- 82) $n_m = 6, w = 40, L_{min} = 161, n_b = 4, n_d = 22,$
 $b = 1000100110000011001001000000,$
 $s = 1000100110000011001001000000100010011000001100100100000010001001100000110010010000001000100110$
 $0000110010010000001000100110000011001001$
- 83) $n_m = 6, w = 40, L_{min} = 161, n_b = 4, n_d = 22,$
 $b = 1001000100000110010011000000,$
 $s = 1001000100000110010011000000100100010000011001001100000010010001000001100100110000001001000100$
 $0001100100110000001001000100000110010011$
- 84) $n_m = 6, w = 40, L_{min} = 161, n_b = 4, n_d = 22,$
 $b = 1001010100100010000101000000,$
 $s = 1001010100100010000101000000100101010010001000010100000010010101001000100001010000001001010100$
 $1000100001010000001001010100100010000101$
- 85) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000001100001010000111000000,$
 $s = 1000001100001010000111000000100000110000101000011100000010000011000010100001110000001000001100$
 $00101000011100000010000011000010100001110000001$
- 86) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1100001010000111000000100000,$
 $s = 1100001010000111000000100000110000101000011100000010000011000010100001110000001000001100001010$
 $00011100000010000011000010100001110000001000001$
- 87) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000010100001110000001000001,$
 $s = 1000010100001110000001000001100001010000111000000100000110000101000011100000010000011000010100$
 $00111000000100000110000101000011100000010000011$
- 88) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1010000111000000100000110000,$
 $s = 1010000111000000100000110000101000011100000010000011000010100001110000001000001100001010000111$
 $00000010000011000010100001110000001000001100001$
- 89) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000011100000010000011000010,$
 $s = 1000011100000010000011000010100001110000001000001100001010000111000000100000110000101000011100$
 $00001000001100001010000111000000100000110000101$
- 90) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1110000001000001100001010000,$
 $s = 1110000001000001100001010000111000000100000110000101000011100000010000011000010100001110000001$
 $00000110000101000011100000010000011000010100001$
- 91) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1100000010000011000010100001,$
 $s = 1100000010000011000010100001110000001000001100001010000111000000100000110000101000011100000010$
 $00001100001010000111000000100000110000101000011$
- 92) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000000100000110000101000011,$
 $s = 1000000100000110000101000011100000010000011000010100001110000001000001100001010000111000000100$
 $00011000010100001110000001000001100001010000111$
- 93) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000010100100010010101000000,$
 $s = 1000010100100010010101000000100001010010001001010100000010000101001000100101010000001000010100$
 $10001001010100000010000101001000100101010000001$
- 94) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1010010001001010100000010000,$
 $s = 1010010001001010100000010000101001000100101010000001000010100100010010101000000100001010010001$
 $00101010000001000010100100010010101000000100001$

- 95) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001000100101010000001000010,$
 $s = 10010001001010100000010000101001000100101010000001000010100100010010100000010000101001000100$
 $10101000000100001010010001001010100000010000101$
- 96) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000100101010000001000010100,$
 $s = 1000100101010000001000010100100010010101000000100001010010001001010100000010000101001000100101$
 $01000000100001010010001001010100000010000101001$
- 97) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001010100000010000101001000,$
 $s = 1001010100000010000101001000100101010000001000010100100010010101000000100001010010001001010100$
 $00001000010100100010010101000000100001010010001$
- 98) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1010100000010000101001000100,$
 $s = 10101000000100001010010001001010100000010000101001000100101010000001000010100100010010100000$
 $01000010100100010010101000000100001010010001001$
- 99) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1010000001000010100100010010,$
 $s = 10100000010000101001000100101010000001000010100100010010101000000100001010010001001010000001$
 $00001010010001001010100000010000101001000100101$
- 100) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000000100001010010001001010,$
 $s = 10000001000010100100010010101000000100001010010001001010100000010000101001000100101000000100$
 $00101001000100101010000001000010100100010010101$
- 101) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000011100001010000011000000,$
 $s = 1000011100001010000011000000100001110000101000001100000010000111000010100000110000001000011100$
 $00101000001100000010000111000010100000110000001$
- 102) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1110000101000001100000010000,$
 $s = 1110000101000001100000010000111000010100000110000001000011100001010000011000000100001110000101$
 $00000110000001000011100001010000011000000100001$
- 103) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1100001010000011000000100001,$
 $s = 1100001010000011000000100001110000101000001100000010000111000010100000110000001000011100001010$
 $00001100000010000111000010100000110000001000011$
- 104) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 10000101000001100000001000011,$
 $s = 10000101000001100000001000011100001010000011000000100001110000101000001100000010000111000010100$
 $000110000000100001110000101000001100000010000111$
- 105) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1010000011000000100001110000,$
 $s = 1010000011000000100001110000101000001100000010000111000010100000110000001000011100001010000011$
 $00000010000111000010100000110000001000011100001$
- 106) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000001100000010000111000010,$
 $s = 1000001100000010000111000010100000110000001000011100001010000011000000100001110000101000001100$
 $00001000011100001010000011000000100001110000101$
- 107) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1100000010000111000010100000,$
 $s = 1100000010000111000010100000110000001000011100001010000011000000100001110000101000001100000010$
 $00011100001010000011000000100001110000101000001$

- 108) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000000100001110000101000001,$
 $s = 1000000100001110000101000001100000010000111000010100000110000001000011100001010000011000000100$
 $00111000010100000110000001000011100001010000011$
- 109) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000100110000011001001000000,$
 $s = 10001001100000110010010000001000100110000011001001000000100010011000000110010010000001000100110$
 $0000110010010000001000100110000011001001000001$
- 110) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001100000110010010000001000,$
 $s = 1001100000110010010000001000100110000011001001000000100010011000001100100100000010001001100000$
 $11001001000000100010011000001100100100000010001$
- 111) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1100000110010010000001000100,$
 $s = 1100000110010010000001000100110000011001001000000100010011000001100100100000010001001100000110$
 $01001000000100010011000001100100100000010001001$
- 112) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 10000011001001000000010001001,$
 $s = 10000011001001000000010001001100000110010010000001000100110000011001001000000100010011000001100$
 $10010000001000100110000011001001000000100010011$
- 113) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 11001001000000010001001100000,$
 $s = 11001001000000010001001100000110010010000001000100110000011001001000000100010011000001100100100$
 $00001000100110000011001001000000100010011000001$
- 114) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001001000000100010011000001,$
 $s = 1001001000000100010011000001100100100000010001001100000110010010000001000100110000011001001000$
 $00010001001100000110010010000001000100110000011$
- 115) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001000000100010011000001100,$
 $s = 1001000000100010011000001100100100000010001001100000110010010000001000100110000011001001000000$
 $10001001100000110010010000001000100110000011001$
- 116) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000000100010011000001100100,$
 $s = 1000000100010011000001100100100000010001001100000110010010000001000100110000011001001000000100$
 $01001100000110010010000001000100110000011001001$
- 117) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001000100000110010011000000,$
 $s = 1001000100000110010011000000100100010000011001001100000010010001000001100100110000001001000100$
 $00011001001100000010010001000001100100110000001$
- 118) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000100000110010011000000100,$
 $s = 1000100000110010011000000100100010000011001001100000010010001000001100100110000001001000100000$
 $11001001100000010010001000001100100110000001001$
- 119) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000001100100110000001001000,$
 $s = 1000001100100110000001001000100000110010011000000100100010000011001001100000010010001000001100$
 $10011000000100100010000011001001100000010010001$
- 120) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1100100110000001001000100000,$
 $s = 1100100110000001001000100000110010011000000100100010000011001001100000010010001000001100100110$
 $00000100100010000011001001100000010010001000001$

- 121) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001001100000010010001000001,$
 $s = 1001001100000010010001000001100100110000001001000100000110010011000000100100010000011001001100$
 $00001001000100000110010011000000100100010000011$
- 122) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001100000010010001000001100,$
 $s = 1001100000010010001000001100100110000001001000100000110010011000000100100010000011001001100000$
 $01001000100000110010011000000100100010000011001$
- 123) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1100000010010001000001100100,$
 $s = 1100000010010001000001100100110000001001000100000110010011000000100100010000011001001100000010$
 $01000100000110010011000000100100010000011001001$
- 124) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000000100100010000011001001,$
 $s = 1000000100100010000011001001100000010010001000001100100110000001001000100000110010011000000100$
 $10001000001100100110000001001000100000110010011$
- 125) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001010100100010000101000000,$
 $s = 1001010100100010000101000000100101010010001000010100000010010101001000100001010000001001010100$
 $10001000010100000010010101001000100001010000001$
- 126) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1010100100010000101000000100,$
 $s = 1010100100010000101000000100101010010001000010100000010010101001000100001010000001001010100100$
 $01000010100000010010101001000100001010000001001$
- 127) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1010010001000010100000010010,$
 $s = 1010010001000010100000010010101001000100001010000001001010100100010000101000000100101010010001$
 $00001010000001001010100100010000101000000100101$
- 128) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1001000100001010000001001010,$
 $s = 1001000100001010000001001010100100010000101000000100101010010001000010100000010010101001000100$
 $00101000000100101010010001000010100000010010101$
- 129) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000100001010000001001010100,$
 $s = 1000100001010000001001010100100010000101000000100101010010001000010100000010010101001000100001$
 $01000000100101010010001000010100000010010101001$
- 130) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000010100000010010101001000,$
 $s = 1000010100000010010101001000100001010000001001010100100010000101000000100101010010001000010100$
 $00001001010100100010000101000000100101010010001$
- 131) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1010000001001010100100010000,$
 $s = 1010000001001010100100010000101000000100101010010001000010100000010010101001000100001010000001$
 $00101010010001000010100000010010101001000100001$
- 132) $n_m = 6, w = 41, L_{min} = 168, n_b = 5, n_d = 1,$
 $b = 1000000100101010010001000010,$
 $s = 1000000100101010010001000010100000010010101001000100001010000001001010100100010000101000000100$
 $10101001000100001010000001001010100100010000101$
- 133) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1100001010000111000000100000,$
 $s = 1100001010000111000000100000110000101000011100000010000011000010100001110000001000001100001010$
 $000111000000100000110000101000011100000010000011$

- 134) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1110000001000001100001010000,$
 $s = 1110000001000001100001010000111000000100000110000101000011100000010000011000010100001110000001$
 $000001100001010000111000000100000110000101000011$
- 135) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1100000010000011000010100001,$
 $s = 1100000010000011000010100001110000001000001100001010000111000000100000110000101000011100000010$
 $000011000010100001110000001000001100001010000111$
- 136) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1110000101000001100000010000,$
 $s = 1110000101000001100000010000111000010100000110000001000011100001010000011000000100001110000101$
 $000001100000010000111000010100000110000001000011$
- 137) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1100001010000011000000100001,$
 $s = 1100001010000011000000100001110000101000001100000010000111000010100000110000001000011100001010$
 $000011000000100001110000101000001100000010000111$
- 138) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1100000010000111000010100000,$
 $s = 1100000010000111000010100000110000001000011100001010000011000000100001110000101000001100000010$
 $000111000010100000110000001000011100001010000011$
- 139) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1100000110010010000001000100,$
 $s = 1100000110010010000001000100110000011001001000000100010011000001100100100000010001001100000110$
 $010010000001000100110000011001001000000100010011$
- 140) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1100100100000010001001100000,$
 $s = 1100100100000010001001100000110010010000001000100110000011001001000000100010011000001100100100$
 $000010001001100000110010010000001000100110000011$
- 141) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1100100110000001001000100000,$
 $s = 1100100110000001001000100000110010011000000100100010000011001001100000010010001000001100100110$
 $000001001000100000110010011000000100100010000011$
- 142) $n_m = 6, w = 42, L_{min} = 169, n_b = 5, n_d = 2,$
 $b = 1100000010010001000001100100,$
 $s = 1100000010010001000001100100110000001001000100000110010011000000100100010000011001001100000010$
 $010001000001100100110000001001000100000110010011$
- 143) $n_m = 6, w = 43, L_{min} = 170, n_b = 5, n_d = 3,$
 $b = 1110000001000001100001010000,$
 $s = 1110000001000001100001010000111000000100000110000101000011100000010000011000010100001110000001$
 $0000011000010100001110000001000001100001010000111$
- 144) $n_m = 6, w = 43, L_{min} = 170, n_b = 5, n_d = 3,$
 $b = 1110000101000001100000010000,$
 $s = 1110000101000001100000010000111000010100000110000001000011100001010000011000000100001110000101$
 $0000011000000100001110000101000001100000010000111$
- 145) $n_m = 6, w = 44, L_{min} = 175, n_b = 5, n_d = 8,$
 $b = 1000011100000010000011000010,$
 $s = 1000011100000010000011000010100001110000001000001100001010000111000000100000110000101000011100$
 $000010000011000010100001110000001000001100001010000111$
- 146) $n_m = 6, w = 44, L_{min} = 175, n_b = 5, n_d = 8,$
 $b = 1001010100000010000101001000,$
 $s = 1001010100000010000101001000100101010000001000010100100010010101000000100001010010001001010100$
 $000010000101001000100101010000001000010100100010010101$

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- [illegible]

- 173) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100001010000011000100100011110000001000001,$
 $s = 1000010100000110001001000111100000010000011000010100000110001001000111100000010000011000010100$
 $0001100010010001111000000100000110000101000001100010010001111$
- 174) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 110000101000101100010010000111000000100000,$
 $s = 1100001010001011000100100001110000001000001100001010001011000100100001110000001000001100001010$
 $0010110001001000011100000010000011000010100010110001001000011$
- 175) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100001010001011000100100001110000001000001,$
 $s = 1000010100010110001001000011100000010000011000010100010110001001000011100000010000011000010100$
 $0101100010010000111000000100000110000101000101100010010000111$
- 176) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 1000001100001110000101000011100000011000000,$
 $s = 10000011000011100001010000111000000110000001000001100001110000101000011100000110000001000001100$
 $00111000010100001110000001100000010000011000011100001010000111$
- 177) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 1100001110000101000011100000011000000100000,$
 $s = 11000011100001010000111000000110000001000001100001110000101000011100000110000001000001100001110$
 $00010100001110000001100000010000011000011100001010000111000001$
- 178) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 1000011100001010000111000000110000001000001,$
 $s = 10000111000010100001110000001100000010000011000011100001010000111000001100000010000011000011100$
 $00101000011100000011000000100000110000111000010100001110000011$
- 179) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 1100011010001011000000010000111000000100000,$
 $s = 11000110100010110000000100001110000001000001100011010001011000000100001110000001000001100011010$
 $0010110000001000011100000010000011000110100010110000001000011$
- 180) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 1000110100010110000000100001110000001000001,$
 $s = 10001101000101100000001000011100000010000011000110100010110000001000011100000010000011000110100$
 $0101100000010000111000000100000110001101000101100000010000111$
- 181) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 101000010100100010010101001010100000010000,$
 $s = 1010000101001000100101010010101000000100001010000101001000100101010010010101000000100001010000101$
 $001000100101010010101000000100001010000101001000100100100101$
- 182) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100001010010001001010100101010000001000010,$
 $s = 10000101001000100101010010101000000100001010000101001000100101001010100000010000101000010100$
 $1000100101010010101000000100001010000101001000100101010010101$
- 183) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 101001000100001011000001101010100000010000,$
 $s = 1010010001000010110000011010101000000100001010010001000010110000011010101000000100001010010001$
 $0000101100000110101010000001000010100100010000101100000110101$
- 184) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100100010000101100000110101010000001000010,$
 $s = 1001000100001011000001101010100000010000101001000100001011000001101010100000010000101001000100$
 $0010110000011010101000000100001010010001000010110000011010101$
- 185) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 101001000110001011000001001010100000010000,$
 $s = 1010010001100010110000010010101000000100001010010001100010110000010010101000000100001010010001$
 $1000101100000100101010000001000010100100011000101100000100101$

- 186) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100100011000101100000100101010000001000010,$
 $s = 1001000110001011000001001010100000010000101001000110001011000001001010100000010000101001000110$
 $0010110000010010101000000100001010010001100010110000010010101$
- 187) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100001010010101001000100101010000101000000,$
 $s = 1000010100101010010001001010100001010000001000010100101010010001001010100001010000001000010100$
 $1010100100010010101000010100000010000101001010100100010010101$
- 188) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 101001010100100010010101000010100000010000,$
 $s = 101001010100100010010101000010100000010000101001010100100010010101010000101000000100001010010101$
 $0010001001010100001010000001000010100101010010001001010100001$
- 189) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100101010010001001010100001010000001000010,$
 $s = 1001010100100010010101000010100000010000101001010100100010010101000010100000010000101001010100$
 $1000100101010000101000000100001010010101001000100101010000101$
- 190) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 101101000110001010000001001010100000010000,$
 $s = 1011010001100010100000010010101000000100001011010001100010100000010010101000000100001011010001$
 $1000101000000100101010000001000010110100011000101000000100101$
- 191) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 110100011000101000000100101010000001000010,$
 $s = 1101000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110$
 $0010100000010010101000000100001011010001100010100000010010101$
- 192) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100001110000001000101100011010000011000000,$
 $s = 1000011100000010001011000110100000110000001000011100000010001011000110100000110000001000011100$
 $0000100010110001101000001100000010000111000000100010110001101$
- 193) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100001110000111000010100000110000011000000,$
 $s = 1000011100001110000101000001100000110000001000011100001110000101000001100000110000001000011100$
 $0011100001010000011000001100000010000111000011100001010000011$
- 194) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100001110001001000101100001010000011000000,$
 $s = 1000011100010010001011000010100000110000001000011100010010001011000010100000110000001000011100$
 $0100100010110000101000001100000010000111000100100010110000101$
- 195) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100100010011000001100100110010010000001000,$
 $s = 1001000100110000011001001100100100000010001001000100110000011001001100100100000010001001000100$
 $1100000110010011001001000000100010010001001100000110010011001$
- 196) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100010011000001100100110010010000001000100,$
 $s = 1000100110000011001001100100100000010001001000100110000011001001100100100000010001001000100110$
 $0000110010011001001000000100010010001001100000110010011001001$
- 197) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 110000010001001000010110011010000001000100,$
 $s = 1100000100010010000101100110100000010001001100000100010010000101100110100000010001001100000100$
 $0100100001011001101000000100010011000001000100100001011001101$
- 198) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100110000010001101000010110010010000001000,$
 $s = 1001100000100011010000101100100100000010001001100000100011010000101100100100000010001001100000$
 $1000110100001011001001000000100010011000001000110100001011001$

- 199) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 110000010001101000010110010010000001000100,$
 $s = 1100000100011010000101100100100000010001001100000100011010000101100100100000010001001100000100$
 $0110100001011001001000000100010011000001000110100001011001001$
- 200) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100110001010001101000000110010010000001000,$
 $s = 1001100010100011010000001100100100000010001001100010100011010000001100100100000010001001100010$
 $1000110100000011001001000000100010011000101000110100000011001$
- 201) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 110001010001101000000110010010000001000100,$
 $s = 1100010100011010000001100100100000010001001100010100011010000001100100100000010001001100010100$
 $0110100000011001001000000100010011000101000110100000011001001$
- 202) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 1000100110010011000000110010010001001000000,$
 $s = 100010011001001100000011001001000100100000010001001100100110000001100100100010010000001000100110$
 $010011000000110010010001001000000100010011001001100000011001001$
- 203) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 1001100100110000001100100100010010000001000,$
 $s = 100110010011000000110010010001001000000100010011001001100000011001001000100100000010001001100100$
 $110000001100100100010010000001000100110010011000000110010010001$
- 204) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 1100100110000001100100100010010000001000100,$
 $s = 110010011000000110010010001001000000100010011001001100000011001001000100100000010001001100100110$
 $00001100100100010010000001000100110010011000000110010010001001$
- 205) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 110110001010001001000000110010010000001000,$
 $s = 1101100010100010010000001100100100000010001101100010100010010000001100100100000010001101100010$
 $1000100100000011001001000000100011011000101000100100000011001$
- 206) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 110010010000001000110110001010001001000000,$
 $s = 1100100100000010001101100010100010010000001100100100000010001101100010100010010000001100100100$
 $0000100011011000101000100100000011001001000000100011011000101$
- 207) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100011110001001000000110000010100000011000000,$
 $s = 100011110001001000000110000010100000011000000100011110001001000001100000101000000110000001000111100$
 $01001000000110000010100000011000000100011110001001000000110000101$
- 208) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 10000001100100010100001011001100000001001000,$
 $s = 100000011001000101000010110011000000010010001000000110010001010000101100110000000100010000001100$
 $100010100001011001100000001001000100000011001000101000010110011$
- 209) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 10000001101100010100001001001100000001001000,$
 $s = 100000011011000101000010010011000000010010001000000110110001010000100100110000000100010000001101$
 $100010100001001001100000001001000100000011011000101000010010011$
- 210) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 10010001000000110010011001001100000001001000,$
 $s = 10010001000000110010011001001100000001001000100100010000001100100110010011000000010001001000100$
 $000110010011001001100000001001000100100010000001100100110010011$
- 211) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 10010101000000011000101101000100000101000000,$
 $s = 10010101000000011000101101000100000101000000010001010100000001100010110100010000010100000001001010100$
 $0000110001011010001000001010000000100101010000000110001011010001$

- 212) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100101010010101001000100001010000101000000,$
 $s = 10010101001010100100010000101000010100000010010101001010100100010000101000001001010100$
 $1010100100010000101000010100000010010101001010100100010000101$
- 213) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100101011000001100010100100010000101000000,$
 $s = 1001010110000011000101001000100001010000001001010110000011000101001000100001010000001001010110$
 $0000110001010010001000010100000010010101100000110001010010001$
- 214) $n_m = 6, w = 50, L_{min} = 196, n_b = 3, n_d = 29,$
 $b = 100010010100001000001101010110000001010000,$
 $s = 1000100101000010000011010101100000010100001000100101000010000011010101100000010100001000100101$
 $0000100000110101011000000101000010001001010000100000110101011$
- 215) $n_m = 6, w = 51, L_{min} = 197, n_b = 3, n_d = 30,$
 $b = 110000011000010100001110000111000000100000,$
 $s = 1100000110000101000011100001110000001000001100000110000101000011100001110000001000001100000110$
 $000101000011100001110000001000001100000110000101000011100001110000001000001100000111$
- 216) $n_m = 6, w = 51, L_{min} = 197, n_b = 3, n_d = 30,$
 $b = 110000101000001100010010001111000000100000,$
 $s = 1100001010000011000100100011110000001000001100001010000011000100100011110000001000001100001010$
 $00001100010010001111000000100000110000101000001100010010001111$
- 217) $n_m = 6, w = 51, L_{min} = 197, n_b = 3, n_d = 30,$
 $b = 110000101000101100010010000111000000100000,$
 $s = 1100001010001011000100100001110000001000001100001010001011000100100001110000001000001100001010$
 $00101100010010000111000000100000110000101000101100010010000111$
- 218) $n_m = 6, w = 51, L_{min} = 197, n_b = 3, n_d = 30,$
 $b = 110000111000010100001110000011000000100000,$
 $s = 1100001110000101000011100000110000001000001100001110000101000011100000110000001000001100001110$
 $00010100001110000011000000100000110000111000010100001110000011$
- 219) $n_m = 6, w = 51, L_{min} = 197, n_b = 3, n_d = 30,$
 $b = 110001101000101100000010000111000000100000,$
 $s = 1100011010001011000000100001110000001000001100011010001011000000100001110000001000001100011010$
 $00101100000010000111000000100000110001101000101100000010000111$
- 220) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1000011100000010000011000010,$
 $s = 1000011100000010000011000010100001110000001000001100001010000111000000100000110000101000011100$
 $0000100000110000101000011100000010000011000010100001110000001000001100001010000111$
- 221) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1001010100000010000101001000,$
 $s = 1001010100000010000101001000100101010000001000010100100010010101000000100001010010001001010100$
 $00001000010100100010010101000000100001010010001001010100000010000101001000100010101$
- 222) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1000011100001010000011000000,$
 $s = 1000011100001010000011000000100001110000101000001100000010000111000010100000110000001000011100$
 $0010100000110000001000011100001010000011000000100001110000101000001100000010000111$
- 223) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1110000101000001100000010000,$
 $s = 1110000101000001100000010000111000010100000110000001000011100001010000011000000100001110000101$
 $0000011000000100001110000101000001100000010000111000010100000110000001000011100001$
- 224) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1100100100000010001001100000,$
 $s = 1100100100000010001001100000110010010000001000100110000011001001000000100010011000001100100100$
 $0000100010011000001100100100000010001001100000110010010000001000100110000011001001$

- 225) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1100100110000001001000100000,$
 $s = 11001001100000010010001000001100100110000001001000100000110010011000000100100010000011001001100000100100010000011001001100000100100010000011001001$
- 226) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1001001100000010010001000001,$
 $s = 10010011000000100100010000011001001100000010010001000001100100110000001001000100000110010011000001001000100000110010011000001001000100000110010011$
- 227) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1001010100100010000101000000,$
 $s = 10010101001000100001010000001001010100100010000101000000100101010010001000010100000010010101001000100001010000001001010100100010000101000000100101010010001000010100000010010101$
- 228) $n_m = 6, w = 52, L_{min} = 203, n_b = 6, n_d = 8,$
 $b = 1010100100010000101000000100,$
 $s = 10101001000100001010000001001010100100010000101000000100101010010001000010100000010010101001000100001010000001001010100100010000101000000100101010010001000010100000010010101001$
- 229) $n_m = 6, w = 53, L_{min} = 204, n_b = 6, n_d = 9,$
 $b = 1100100110000001001000100000,$
 $s = 1100100110000001001000100000110010011000000100100010000011001001100000010010001000001100100110000001001000100000110010011000001001000100000110010011$
- 230) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1100001010000111000000100000,$
 $s = 110000101000011100000010000011000010100001110000001000001100001010000111000000100000110000010000011000010100001010000111000000100000110000101000011$
- 231) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1000010100001110000001000001,$
 $s = 10000101000011100000010000011000010100001110000001000001100001010000111000000100000110000101000011100000010000011000010100001110000001000001100001010000111$
- 232) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1010010001001010100000010000,$
 $s = 1010010001001010100000010000101001000100101010000001000010100100010010101000000100001010010001001010100000010000101001000100100100010010010000010000101001000100101$
- 233) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1001000100101010000001000010,$
 $s = 10010001001010100000010000101001000100101010000001000010100100010010101000000100001010010001001010100000010000101001000100101010000001000010100100010010101$
- 234) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1000011100001010000011000000,$
 $s = 1000011100001010000011000000100001110000101000001100000010000111000010100000110000001000011100001010000011000000100001110000101$
- 235) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1001100000110010010000001000,$
 $s = 1001100000110010010000001000100110000011001001000000100010011000001100100100000010001001100000110010010000001000100110000011001$
- 236) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1100000110010010000001000100,$
 $s = 1100000110010010000001000100110000011001001000000100010011000001100100100000010001001100000110010010000001000100110000011001001$
- 237) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1000001100100110000001001000,$
 $s = 1000001100100110000001001000100000110010011000000100100010000011001001100000010010001000001100100110000001001000100000110010011$

- 238) $n_m = 6, w = 54, L_{min} = 210, n_b = 6, n_d = 15,$
 $b = 1001010100100010000101000000,$
 $s = 1001010100100010000101000000100101010010001000010100000010010101001000100001010000001001010100$
 $10001000010100000010010101001000100001010000001001010100100010000101000000100101010010001$
- 239) $n_m = 6, w = 55, L_{min} = 211, n_b = 6, n_d = 16,$
 $b = 1100001010000111000000100000,$
 $s = 1100001010000111000000100000110000101000011100000010000011000010100001110000001000001100001010$
 $000111000000100000110000101000011100000010000011000010100001110000001000001100001010000111$
- 240) $n_m = 6, w = 56, L_{min} = 213, n_b = 4, n_d = 4,$
 $b = 111100000010000011000010100000110001001000,$
 $s = 1111000000100000110000101000001100010010001111000000100000110000101000001100010010001111000000$
 $100000110000101000001100010010001111000000100000110000101000001100010010001111$
- 241) $n_m = 6, w = 56, L_{min} = 213, n_b = 4, n_d = 4,$
 $b = 111100010010000011000010100000110000001000,$
 $s = 1111000100100000110000101000001100000010001111000100100000110000101000001100000010001111000100$
 $100000110000101000001100000010001111000100100000110000101000001100000010001111$
- 242) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 100011110000001000001100001010000011000100,$
 $s = 1000111100000010000011000010100000110001001000111100000010000011000010100000110001001000111100$
 $0000100000110000101000001100010010001111000000100000110000101000001100010010001111$
- 243) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 110101010000001000010100100010000101100000,$
 $s = 1101010100000010000101001000100001011000001101010100000010000101001000100001011000001101010100$
 $00001000010100100010000101100000110101010000001000010100100010001000010110000011010101$
- 244) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 101100110100000010001001100000100010010000,$
 $s = 1011001101000000100010011000001000100100001011001101000000100010011000001000100100001011001101$
 $0000001000100110000010001001000010110011010000001000100110000010001001000010110011$
- 245) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 110011010000001000100110000010001001000010,$
 $s = 1100110100000010001001100000100010010000101100110100000010001001100000100010010000101100110100$
 $0000100010011000001000100100001011001101000000100010011000001000100100001011001101$
- 246) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 100011110001001000001100001010000011000000,$
 $s = 1000111100010010000011000010100000110000001000111100010010000011000010100000110000001000111100$
 $0100100000110000101000001100000010001111000100100000110000101000001100000010001111$
- 247) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 111100010010000011000010100000110000001000,$
 $s = 1111000100100000110000101000001100000010001111000100100000110000101000001100000010001111000100$
 $1000001100001010000011000000100011110001001000001100001010000011000000100011110001$
- 248) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 1011001100000010010001000000110010001010000,$
 $s = 10110011000000100100010000001100100010100001011001100000010010001000001100100010100001011001100$
 $00001001000100000011001000101000010110011000000100100010000011001000101000010110011$
- 249) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 110101011000000101000010001001010000100000,$
 $s = 1101010110000001010000100010010100001000001101010110000001010000100010010100001000001101010110$
 $0000010100001000100101000010000011010101100000010100001000100101000010000011010101$
- 250) $n_m = 6, w = 57, L_{min} = 217, n_b = 4, n_d = 8,$
 $b = 101010110000001010000100010010100001000001,$
 $s = 1010101100000010100001000100101000010000011010101100000010100001000100101000010000011010101100$
 $0000101000010001001010000100000110101011000000101000010001001010000100000110101011$

- 251) $n_m = 6$, $w = 58$, $L_{min} = 218$, $n_b = 4$, $n_d = 9$,
 $b = 110101011000000101000010001001010000100000$,
 $s = 11010101100000010100001000100101000010000011010101100000010100001000100101000010000011010101100000101000010001001010000100000110101011$

252) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 100001110000111000000100000110000011000010$,
 $s = 100001110000111000000100000110000011000010100001110000111000000100000110000011000010100001110000001100000110000011000010100001110000111$

253) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 110001001000111100000010000011000010100000$,
 $s = 11000100100011110000001000001100001010000011000100100011110000001000001100001010000011000100100000110001001000111$

254) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 100010010001111000000100000110000101000001$,
 $s = 100010010001111000000100000110000101000001100010010001111000000100000110000101000001100010010001100010010001111$

255) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 110001101000101100000010000111000000100000$,
 $s = 11000110100010110000001000011100000010000011000110100010110000001000011100000010000011000110100010100000010000111000000100000110001101000101$

256) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 100011010001011000000100001110000001000001$,
 $s = 1000110100010110000001000011100000010000011000110100010110000001000011100000010000011000110100010100011000000100001110000001000001100011010001011$

257) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 100101010010101000000100001010000101001000$,
 $s = 10010101001010100000010000101000010100100010010101001010100000010000101000010100100010010010101001000000100001010000101001000100101010010101$

258) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 101100000110101010000001000010100100010000$,
 $s = 101100000110101010000001000010100100010000101100000110101010000001000010100100010000101100000110101010000001000010100100010000101100000110101$

259) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 110000011010101000000100001010010001000010$,
 $s = 1100000110101010000001000010100100010000101100000110101010000001000010100100010000101100000110101000000100001010010001000010110000011010101$

260) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 101101000110001010000001001010100000010000$,
 $s = 101101000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110001$

261) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 110100011000101000000100101010000001000010$,
 $s = 1101000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110001001000000100101010000001000010110100011000101$

262) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 100010110001101000001100000010000111000000$,
 $s = 1000101100011010000011000000100001110000001000101100011010000011000000100001110000001000101100011000001100000010000111000000100010110001101$

263) $n_m = 6$, $w = 59$, $L_{min} = 224$, $n_b = 4$, $n_d = 15$,
 $b = 100001110000111000010100000110000011000000$,
 $s = 10000111000011100001010000011000001100000010000111000011100001010000011000001100000010000011000000100001110000111$

- 264) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 111000011100001010000011000001100000010000,$
 $s = 1110000111000010100000110000011000000100001110000111000010100000110000011000000100001110000111$
 $00001010000011000001100000010000111000011100001010000011000001100000010000111000011100001$
- 265) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 110010011001001000000100010010001001100000,$
 $s = 1100100110010010000001000100100010011000001100100110010010000001000100100010011000001100100110$
 $01001000000100010010001001100000110010011001001000000100010010001001100000110010011001001$
- 266) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 100001011001101000000100010011000001000100,$
 $s = 1000010110011010000001000100110000010001001000010110011010000001000100110000010001001000010110$
 $01101000000100010011000001000100100001011001101000000100010011000001000100100001011001101$
- 267) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 110100001011001001000000100010011000001000,$
 $s = 1101000010110010010000001000100110000010001101000010110010010000001000100110000010001101000010$
 $11001001000000100010011000001000110100001011001001000000100010011000001000110100001011001$
- 268) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 110001010001101000000110010010000001000100,$
 $s = 1100010100011010000001100100100000010001001100010100011010000001100100100000010001001100010100$
 $01101000000110010010000001000100110001010001101000000110010010000001000100110001010001101$
- 269) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 100011011000101000100100000011001001000000,$
 $s = 1000110110001010001001000000110010010000001000110110001010001001000000110010010000001000110110$
 $00101000100100000011001001000000100011011000101000100100000011001001000000100011011000101$
- 270) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 110110001010001001000000110010010000001000,$
 $s = 1101100010100010010000001100100100000010001101100010100010010000001100100100000010001101100010$
 $10001001000000110010010000001000110110001010001001000000110010010000001000110110001010001$
- 271) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 100011110001001000001100001010000011000000,$
 $s = 1000111100010010000011000010100000110000001000111100010010000011000010100000110000001000111100$
 $01001000001100001010000011000000100011110001001000001100001010000011000000100011110001001$
- 272) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 101000010110011000000100100010000011001000,$
 $s = 1010000101100110000001001000100000110010001010000101100110000001001000100000110010001010000101$
 $10011000000100100010000011001000101000010110011000000100100010000011001000101000010110011$
- 273) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 110010011001001100000010010001001000100000,$
 $s = 11001001100100110000001001000100100010000011001001100100110000001001000100100010000001100100110$
 $010011000000100100010010001000001100100110010011000000100100010010001000010000110010011001001$
- 274) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 100100110010011000000100100010010001000001,$
 $s = 10010011001001100000010010001001000100000110010011001001100000010010001001000100000011001001100$
 $10011000000100100010010001000001100100110010011000000100100010010001000001100100110010011$
- 275) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 110001011010001000010100000010010101000000,$
 $s = 1100010110100010000101000000100101010000001100010110100010000101000000100101010000001100010110$
 $10001000010100000010010101000000110001011010001000010100000010010101000000110001011010001$
- 276) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 100101010010101001000100001010000101000000,$
 $s = 1001010100101010010001000010100001010000001001010100101010010001000010100001010000001001010100$
 $1010100100010000101000010100000010010101001000100001010000101000000100101010010101$

- 277) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 101010010101001000100001010000101000000100,$
 $s = 10101001010100100010000101000010100000010010101001010100100010000101000001001010100101$
 $01001000100001010000101000000100101010010101001000100001010000101000000100101010010101001$
- 278) $n_m = 6, w = 59, L_{min} = 224, n_b = 4, n_d = 15,$
 $b = 100000110101011000000101000010001001010000,$
 $s = 1000001101010110000001010000100010010100001000001101010110000001010000100010010100001000001101$
 $01011000000101000010001001010000100000110101011000000101000010001001010000100000110101011$
- 279) $n_m = 6, w = 60, L_{min} = 225, n_b = 4, n_d = 16,$
 $b = 110001001000111100000010000011000010100000,$
 $s = 1100010010001111000000100000110000101000001100010010001111000000100000110000101000001100010010$
 $001111000000100000110000101000001100010010001111000000100000110000101000001100010010001111$
- 280) $n_m = 6, w = 60, L_{min} = 225, n_b = 4, n_d = 16,$
 $b = 110001101000101100000010000111000000100000,$
 $s = 1100011010001011000000100001110000001000001100011010001011000000100001110000001000001100011010$
 $001011000000100001110000001000001100011010001011000000100001110000001000001100011010001011$
- 281) $n_m = 6, w = 60, L_{min} = 225, n_b = 4, n_d = 16,$
 $b = 110010011001001100000010010001001000100000,$
 $s = 1100100110010011000000100100010010001000001100100110010011000000100100010010001000001100100110$
 $01001100000010010001001000100000110010011001001100000010010001001000100001100100110010011$
- 282) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 110000101000011100001110000001000001100000,$
 $s = 1100001010000111000011100000010000011000001100001010000111000011100000010000011000001100001010$
 $000111000011100000010000011000001100001010000111000011100000010000011000001100001010000111000011$
- 283) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 100001010000111000011100000010000011000001,$
 $s = 1000010100001110000111000000100000110000011000010100001110000111000000100000110000011000010100$
 $001110000111000000100000110000011000010100001110000111000000100000110000011000010100001110000111$
- 284) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 100000110001001000111100000010000011000010,$
 $s = 1000001100010010001111000000100000110000101000001100010010001111000000100000110000101000001100$
 $010010001111000000100000110000101000001100010010001111000000100000110000101000001100010010001111$
- 285) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 100010110001001000011100000010000011000010,$
 $s = 1000101100010010000111000000100000110000101000101100010010000111000000100000110000101000101100$
 $010010000111000000100000110000101000101100010010000111000000100000110000101000101100010010000111$
- 286) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 110000111000010100001110000011000000100000,$
 $s = 1100001110000101000011100000110000001000001100001110000101000011100000110000001000001100001110$
 $000101000011100000110000001000001100001110000101000011100000110000001000001100001110000101000011$
- 287) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 100001110000101000011100000110000001000001,$
 $s = 1000011100001010000111000001100000010000011000011100001010000111000001100000010000011000011100$
 $001010000111000001100000010000011000011100001010000111000001100000010000011000011100001010000111$
- 288) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 100000110001101000101100000010000111000000,$
 $s = 1000001100011010001011000000100001110000001000001100011010001011000000100001110000001000001100$
 $011010001011000000100001110000001000001100011010001011000000100001110000001000001100011010001011$
- 289) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 10100100010010101010010101000000100001010000,$
 $s = 101001000100101010100101010000001000010100001010010001001010100101010000001000010100001010010001$
 $001010100101010000001000010100001010010001001010100101010000001000010100010010001001010100101$

- 303) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 100010010000101100110100000010001001100000$,
 $s = 10001001000010110011010000001000100110000010001001000010110011010000001000100110000010001001000100100100100000100010011001101$

304) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 100011010000101100100100000010001001100000$,
 $s = 1000110100001011001001000000100010011000001000110100001011001001000000100010011000001000110100010011001001000000100010011000001000110100001011001001$

305) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 100010011000101000110100000011001001000000$,
 $s = 1000100110001010001101000000110010010000001000100110001010001101000000110010010000001000100110001010001101$

306) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 100110010011000001100100100010010000001000$,
 $s = 10011001001100000110010010001001000000100010011001001100000110010010001001000000100010011001001100100110000011001001000100100000010001001100100110000011001$

307) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 110010011000001100100100010010000001000100$,
 $s = 110010011000001100100100010010000001000100110010011000001100100100010010000001000100110010011000001100100110000011001001$

308) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 100011011000101000100100000011001001000000$,
 $s = 1000110110001010001001000000110010010000001000110110001010001001000000110010010000001000110110010010000001000110110001010001001$

309) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 100011110001001000001100001010000011000000$,
 $s = 1000111100010010000011000010100000110000001000111100010010000011000010100000110000001000111100010010000011000100000011000010100000110000001000111100010010000011$

310) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 110010001010000101100110000001001000100000$,
 $s = 1100100010100001011001100000010010001000001100100010100001011001100000010010001000001100100010100001011001100000010010001000001100100010100001011001$

311) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 100100010100001011001100000010010001000001$,
 $s = 1001000101000010110011000000100100010000011001000101000010110011000000100100010000011001000101000010110011000000100100010000011001000101000010110011$

312) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 110110001010000100100110000001001000100000$,
 $s = 11011000101000010010011000000100100010000011011000101000010010011000000100100010000011011000101000010010001000001101100010100001001001$

313) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 101100010100001001001100000010010001000001$,
 $s = 1011000101000010010011000000100100010000011011000101000010010011000000100100010000011011000101000010010011000000100100010000011011000101000010010011$

314) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 100000110010011001001100000010010001001000$,
 $s = 1000001100100110010011000000100100010010001000001100100110010011000000100100010010001000001100100110010011000000100100010010001000001100100110010011$

315) $n_m = 6$, $w = 61$, $L_{min} = 231$, $n_b = 4$, $n_d = 22$,
 $b = 1010100000011000101101000100000101000000100$,
 $s = 1010100000011000101101000100000101000000100101010000001100010110100010000101000000100101010000001100010110100010000010100000011000101101$

- 316) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 110001011010001000010100000010010101000000,$
 $s = 1100010110100010000101000000100101010000001100010110100010000101000000100101010000001100010110$
 $100010000101000000100101010000001100010110100010000101000000100101010000001100010110100010000101$
- 317) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 100101010010101001000100001010000101000000,$
 $s = 1001010100101010010001000010100001010000001001010100101010010001000010100001010000001001010100$
 $1010100100010000101000010100000010010101001010100100010000101000010100000010010101001010010001$
- 318) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 100101011000001100010100100010000101000000,$
 $s = 1001010110000011000101001000100001010000001001010110000011000101001000100001010000001001010110$
 $000011000101001000100001010000001001010110000011000101001000100001010000001001010110000011000101$
- 319) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 101011000001100010100100010000101000000100,$
 $s = 1010110000011000101001000100001010000001001010110000011000101001000100001010000001001010110000$
 $011000101001000100001010000001001010110000011000101001000100001010000001001010110000011000101001$
- 320) $n_m = 6, w = 61, L_{min} = 231, n_b = 4, n_d = 22,$
 $b = 101000010000011010101100000010100001000100,$
 $s = 10100001000001101010110000001010000100010010100001000001101010110000001010000100010010000100$
 $000110101011000000101000010001001010000100000110101011000000101000010001001010000100000110101011$
- 321) $n_m = 6, w = 62, L_{min} = 232, n_b = 4, n_d = 23,$
 $b = 110000101000011100001110000001000001100000,$
 $s = 1100001010000111000011100000010000011000001100001010000111000011100000010000011000001100001010$
 $0001110000111000000100000110000011000010100001110000111000000100000110000011000010100001110000111$
- 322) $n_m = 6, w = 62, L_{min} = 232, n_b = 4, n_d = 23,$
 $b = 1100001110000101000011100000011000000100000,$
 $s = 11000011100001010000111000000110000001000001100001110000101000011100000110000001000001100001110$
 $00010100001110000001100000010000011000011100001010000111000001100000010000011000011100001010000111$
- 323) $n_m = 6, w = 62, L_{min} = 232, n_b = 4, n_d = 23,$
 $b = 110010001010000101100110000001001000100000,$
 $s = 1100100010100001011001100000010010001000001100100010100001011001100000010010001000001100100010$
 $1000010110011000000100100010000011001000101000010110011000000100100010000011001000101000010110011$
- 324) $n_m = 6, w = 62, L_{min} = 232, n_b = 4, n_d = 23,$
 $b = 110110001010000100100110000001001000100000,$
 $s = 1101100010100001001001100000010010001000001101100010100001001001100000010010001000001101100010$
 $1000010010011000000100100010000011011000101000010010011000000100100010000011011000101000010010011$
- 325) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
 $b = 110000011000010100001110000111000000100000,$
 $s = 1100000110000101000011100001110000001000001100000110000101000011100001110000001000001100000110$
 $00010100001110000111000000100000110000011000010100001110000111000000100000110000011000010100001110$
 00011
- 326) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
 $b = 100000110000101000011100001110000001000001,$
 $s = 1000001100001010000111000011100000010000011000001100001010000111000011100000010000011000001100$
 $00101000011100001110000001000001100000110000101000011100001110000001000001100000110000101000011100$
 00111
- 327) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
 $b = 110000101000001100010010001111000000100000,$
 $s = 1100001010000011000100100011110000001000001100001010000011000100100011110000001000001100001010$
 $00001100010010001111000000100000110000101000001100010010001111000000100000110000101000001100010010$
 00111

- 328) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
 $b = 100001010000011000100100011110000001000001,$
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- 329) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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- 330) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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- 331) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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- 334) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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- 335) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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348) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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- 349) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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- 351) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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- 360) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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- 362) $n_m = 6, w = 63, L_{min} = 238, n_b = 4, n_d = 29,$
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381) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
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389) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
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- 391) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
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- 392) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
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- 400) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
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- 401) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
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 000010010101

405) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
 $b = 100101010010101001000100001010000101000000,$
 $s = 1001010100101010010001000010100001010000001001010100101010010001000010100001010000001001010100$
 $10101001000100001010000101000000100101010010101001000100001010000101000000100101010010101001000100$
 001010000101

406) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
 $b = 100101011000001100010100100010000101000000,$
 $s = 1001010110000011000101001000100001010000001001010110000011000101001000100001010000001001010110$
 $00001100010100100010000101000000100101011000001100010100100010000101000000100101011000001100010100$
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407) $n_m = 6, w = 65, L_{min} = 245, n_b = 4, n_d = 36,$
 $b = 101000010001001010000100000110101011000000,$
 $s = 1010000100010010100001000001101010110000001010000100010010100001000001101010110000001010000100$
 $01001010000100000110101011000000101000010001001010000100000110101011000000101000010001001010000100$
 000110101011

408) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000110000011000010100001110000111000000,$
 $s = 1000001100000110000101000011100001110000001000001100000110000101000011100001110000001000001100$
 $00011000010100001110000111000000100000110000011000010100001110000111000000100000110000011000010100$
 0011100001110000001

409) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110000011000010100001110000111000000100000,$
 $s = 1100000110000101000011100001110000001000001100000110000101000011100001110000001000001100000110$
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410) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000110000101000011100001110000001000001,$
 $s = 1000001100001010000111000011100000010000011000001100001010000111000011100000010000011000001100$
 $00101000011100001110000001000001100000110000101000011100001110000001000001100000110000101000011100$
 0011100000010000011

411) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110000101000011100001110000001000001100000,$
 $s = 1100001010000111000011100000010000011000001100001010000111000011100000010000011000001100001010$
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 0000010000011000001

[illegible]

- [illegible]

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444)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 111000000100000110000101000101100010010000,  

    s = 1110000001000001100001010001011000100100001110000001000001100001010001011000100100001110000001  

    00000110000101000101100010010000111000000100000110000101000101100010010000111000000100000110000101  

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445)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 110000001000001100001010001011000100100001,  

    s = 1100000010000011000010100010110001001000011100000010000011000010100010110001001000011100000010  

    00001100001010001011000100100001110000001000001100001010001011000100100001110000001000001100001010  

    0010110001001000011  

446)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 100000010000011000010100010110001001000011,  

    s = 1000000100000110000101000101100010010000111000000100000110000101000101100010010000111000000100  

    00011000010100010110001001000011100000010000011000010100010110001001000011100000010000011000010100  

    0101100010010000111  

447)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 100000110000111000010100001110000011000000,  

    s = 1000001100001110000101000011100000110000001000001100001110000101000011100000110000001000001100  

    00111000010100001110000011000000100000110000111000010100001110000011000000100000110000111000010100  

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448)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 110000111000010100001110000011000000100000,  

    s = 1100001110000101000011100000110000001000001100001110000101000011100000110000001000001100001110  

    00010100001110000011000000100000110000111000010100001110000011000000100000110000111000010100001110  

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449)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 100001110000101000011100000110000001000001,  

    s = 1000011100001010000111000001100000010000011000011100001010000111000001100000010000011000011100  

    00101000011100000110000001000001100001110000101000011100000110000001000001100001110000101000011100  

    0001100000010000011  

450)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 111000010100001110000011000000100000110000,  

    s = 1110000101000011100000110000001000001100001110000101000011100000110000001000001100001110000101  

    00001110000011000000100000110000111000010100001110000011000000100000110000111000010100001110000011  

    00000010000001100001  

451)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 110000101000011100000110000001000001100001,  

    s = 1100001010000111000001100000010000011000011100001010000111000001100000010000011000011100001010  

    00011100000110000001000001100001110000101000011100000110000001000001100001110000101000011100000110  

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452)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 100001010000111000001100000010000011000011,  

    s = 1000010100001110000011000000100000110000111000010100001110000011000000100000110000111000010100  

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453)  $n_m = 6$ ,  $w = 66$ ,  $L_{min} = 252$ ,  $n_b = 5$ ,  $n_d = 1$ ,  

    b = 101000011100000110000001000001100001110000,  

    s = 1010000111000001100000010000011000011100001010000111000001100000010000011000011100001010000111  

    00000110000001000001100001110000101000011100000110000001000001100001110000101000011100000110000001  

    0000011000011100001

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[illegible]

00000010000111000000100000110001101000101100000010000111000000100000110001101000101100000010000111
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465) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100010110000001000011100000010000011000110,$
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466) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101100000010000111000000100000110001101000,$
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467) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110000001000011100000010000011000110100010,$
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468) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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469) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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470) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 111000000100000110001101000101100000010000,$
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471) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110000001000001100011010001011000000100001,$
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472) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000010000011000110100010110000001000011,$
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473) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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474) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 475) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100001010010001001010100101010000001000010,$
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- 476) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 477) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 478) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 479) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 480) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 481) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 482) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 483) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 484) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 485) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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486) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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488) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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489) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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490) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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491) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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492) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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495) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 507) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 508) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 509) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 515) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 517) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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- 520) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
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 $s = 10101000010100000010000101001010100100010010101000010100000010000101001010010001001010100001$
 $010000001000010100101010010001001010100001010000001000010100101001000100101010000101000000100001$
 0100101010010001001
- 521) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101000010100000010000101001010100100010010,$
 $s = 10100001010000001000010100101010010001001010100001010000001000010100101001000100101010000101$
 $00000010000101001010100100010010101000010100000010000101001010100100010010101000010100000010000101$
 0010101001000100101
- 522) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100001010000001000010100101010010001001010,$
 $s = 10000101000000100001010010101001000100101010000101000000100001010010100100010010101000010100$
 $00001000010100101010010001001010100001010000001000010100101010010001001010100001010000001000010100$
 1010100100010010101
- 523) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101000000100001010010101001000100101010000,$
 $s = 1010000001000010100101010010001001010100001010000001000010100101010010001001010100001010000001$
 $00001010010101001000100101010000101000000100001010010101001000100101010000101000000100001010010101$
 0010001001010100001
- 524) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000010000101001010100100010010101000010,$
 $s = 1000000100001010010101001000100101010000101000000100001010010101001000100101010000101000000100$
 $001010010101001000100101010000101000000100001010010101001000100101010000101000000100001010010100$
 1000100101010000101
- 525) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100001011010001100010100000010010101000000,$
 $s = 1000010110100011000101000000100101010000001000010110100011000101000000100101010000001000010110$
 $10001100010100000010010101000000100001011010001100010100000010010101000000100001011010001100010100$
 0000100101010000001
- 526) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101101000110001010000001001010100000010000,$
 $s = 1011010001100010100000010010101000000100001011010001100010100000010010101000000100001011010001$
 $10001010000001001010100000010000101101000110001010000001001010100000010000101101000110001010000001$
 0010101000000100001
- 527) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110100011000101000000100101010000001000010,$
 $s = 1101000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110$

00101000000100101010000001000010110100011000101000000100101010000001000010110100011000101000000100
1010100000010000101

- 528) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101000110001010000001001010100000010000101,$
 $s = 1010001100010100000010010101000000100001011010001100010100000010010101000000100001011010001100$
 $01010000001001010100000010000101101000110001010000001001010100000010000101101000110001010000001001$
 0101000000100001011
- 529) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100011000101000000100101010000001000010110,$
 $s = 1000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110001$
 $01000000100101010000001000010110100011000101000000100101010000001000010110100011000101000000100101$
 0100000010000101101
- 530) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110001010000001001010100000010000101101000,$
 $s = 1100010100000010010101000000100001011010001100010100000010010101000000100001011010001100010100$
 $00001001010100000010000101101000110001010000001001010100000010000101101000110001010000001001010100$
 0000100001011010001
- 531) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100010100000010010101000000100001011010001,$
 $s = 1000101000000100101010000001000010110100011000101000000100101010000001000010110100011000101000$
 $00010010101000000100001011010001100010100000010010101000000100001011010001100010100000010010101000$
 0001000010110100011
- 532) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101000000100101010000001000010110100011000,$
 $s = 1010000001001010100000010000101101000110001010000001001010100000010000101101000110001010000001$
 $00101010000001000010110100011000101000000100101010000001000010110100011000101000000100101010000001$
 0000101101000110001
- 533) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000010010101000000100001011010001100010,$
 $s = 1000000100101010000001000010110100011000101000000100101010000001000010110100011000101000000100$
 $10101000000100001011010001100010100000010010101000000100001011010001100010100000010010101000000100$
 0010110100011000101
- 534) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100101010000001000010110100011000101000000,$
 $s = 1001010100000010000101101000110001010000001001010100000010000101101000110001010000001001010100$
 $00001000010110100011000101000000100101010000001000010110100011000101000000100101010000001000010110$
 1000110001010000001
- 535) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101010000001000010110100011000101000000100,$
 $s = 1010100000010000101101000110001010000001001010100000010000101101000110001010000001001010100000$
 $01000010110100011000101000000100101010000001000010110100011000101000000100101010000001000010110100$
 0110001010000001001
- 536) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101000000100001011010001100010100000010010,$
 $s = 1010000001000010110100011000101000000100101010000001000010110100011000101000000100101010000001$
 $00001011010001100010100000010010101000000100001011010001100010100000010010101000000100001011010001$
 1000101000000100101
- 537) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000010000101101000110001010000001001010,$
 $s = 1000000100001011010001100010100000010010101000000100001011010001100010100000010010101000000100$
 $00101101000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110$
 0010100000010010101

[illegible]

[illegible]

[illegible]

[illegible]

612) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110010010000001000100110000010001101000010,$
 $s = 1100100100000010001001100000100011010000101100100100000010001001100000100011010000101100100100$
 $00001000100110000010001101000010110010010000001000100110000010001101000010110010010000001000100110$
 0000100011010000101

613) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 1001001000000010001001100000100011010000101,$
 $s = 10010010000000100010011000001000110100001011001001000000100010011000001000110100001011001001000$
 $00010001001100000100011010000101100100100000010001001100000100011010000101100100100000010001001100$
 0001000110100001011

614) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100100000010001001100000100011010000101100,$
 $s = 1001000000100010011000001000110100001011001001000000100010011000001000110100001011001001000000$
 $10001001100000100011010000101100100100000010001001100000100011010000101100100100000010001001100000$
 1000110100001011001

615) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 1000000010001001100000100011010000101100100,$
 $s = 10000000100010011000001000110100001011001001000000100010011000001000110100001011001001000000100$
 $010011000000100011010000101100100100000010001001100000100011010000101100100100000010001001100000100$
 0110100001011001001

616) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100010011000101000110100000011001001000000,$
 $s = 1000100110001010001101000000110010010000001000100110001010001101000000110010010000001000100110$
 $00101000110100000011001001000000100010011000101000110100000011001001000000100010011000101000110100$
 0000110010010000001

617) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100110001010001101000000110010010000001000,$
 $s = 1001100010100011010000001100100100000010001001100010100011010000001100100100000010001001100010$
 $10001101000000110010010000001000100110001010001101000000110010010000001000100110001010001101000000$
 1100100100000010001

618) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110001010001101000000110010010000001000100,$
 $s = 1100010100011010000001100100100000010001001100010100011010000001100100100000010001001100010100$
 $01101000000110010010000001000100110001010001101000000110010010000001000100110001010001101000000110$
 0100100000010001001

619) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100010100011010000001100100100000010001001,$
 $s = 1000101000110100000011001001000000100010011000101000110100000011001001000000100010011000101000$
 $11010000001100100100000010001001100010100011010000001100100100000010001001100010100011010000001100$
 1001000000100010011

620) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 101000110100000011001001000000100010011000,$
 $s = 1010001101000000110010010000001000100110001010001101000000110010010000001000100110001010001101$
 $000000011001001000000100010011000101000110100000011001001000000100010011000101000110100000011001001$
 00000001000100110001

621) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100011010000001100100100000010001001100010,$
 $s = 1000110100000011001001000000100010011000101000110100000011001001000000100010011000101000110100$
 $00001100100100000010001001100010100011010000001100100100000010001001100010100011010000001100100100$
 0000100010011000101

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10001101100010100010010000001100100100000010001101100010100010010000001100100100000010001101100010
1000100100000011001

- 654) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000010001101100010100010010000001100100,$
 $s = 1000000100011011000101000100100000011001001000000100011011000101000100100000011001001000000100$
 $01101100010100010010000001100100100000010001101100010100010010000001100100100000010001101100010100$
 0100100000011001001
- 655) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100011110001001000000110000010100000011000000,$
 $s = 10001111000100100000011000001010000001100000010001111000100100000110000010100000110000001000111100$
 $010010000001100000101000000110000001000111100010010000011000001010000011000000100011110001001000001100$
 00101000000110000001
- 656) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 111100010010000001100000101000000110000001000,$
 $s = 111100010010000001100000101000000110000001000111100010010000011000001010000001100000010001111000100$
 $100000110000010100000011000000100011110001001000001100000101000000110000001000111100010010000011000010$
 1000001100000010001
- 657) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 11100010010000001100001010000001100000010001,$
 $s = 111000100100000011000010100000011000000100011110001001000001100001010000011000000100011110001001$
 $000001100001010000001100000010001111000100100000110000101000001100000010001111000100100000110000101$
 0000011000000100011
- 658) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 11000100100000011000010100000011000000100011,$
 $s = 110001001000000110000101000000110000001000111100010010000011000010100000110000001000111100010010$
 $000011000010100000011000000100011110001001000001100001010000011000000100011110001001000001100001010$
 0000110000001000111
- 659) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100010010000001100001010000001100000001000111,$
 $s = 1000100100000011000010100000011000000010001111000100100000110000101000001100000010001111000100100$
 $000110000101000000110000001000111100010010000011000010100000110000001000111100010010000011000010100$
 0001100000010001111
- 660) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100100000011000010100000011000000010001111000,$
 $s = 10010000001100001010000001100000001000111100010010000011000010100000110000000100011110001001000001$
 $100001010000001100000010001111000100100000110000101000001100000010001111000100100000110000101000001$
 1000000100011110001
- 661) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 10000011000010100000011000000010001111000100,$
 $s = 1000001100001010000001100000001000111100010010000011000010100000110000000100011110001001000001100$
 $001010000001100000010001111000100100000110000101000001100000010001111000100100000110000101000001100$
 0000100011110001001
- 662) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 11000010100000011000000010001111000100100000,$
 $s = 1100001010000001100000001000111100010010000011000010100000110000000100011110001001000001100001010$
 $000011000000100011110001001000001100001010000011000000010001111000100100000110000101000001100000010$
 0011110001001000001
- 663) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 10000101000000110000000100011110001001000001,$
 $s = 1000010100000011000000010001111000100100000110000101000001100000001000111100010010000011000010100$
 $0001100000001000111100010010000011000010100000110000000100011110001001000001100001010000011000000100$
 0111100010010000011

10011000000100100010000011001000101000010110011000000100100010000011001000101000010110011000000100
1000100000110010001

- 675) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100001011001100000010010001000001100100010,$
 $s = 1000010110011000000100100010000011001000101000010110011000000100100010000011001000101000010110$
 $01100000010010001000001100100010100001011001100000010010001000001100100010100001011001100000010010$
 0010000011001000101
- 676) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 1011001100000001001000100000110010001010000,$
 $s = 10110011000000010010001000001100100010100001011001100000010010001000001100100010100001011001100$
 $00001001000100000110010001010000101100110000001001000100000110010001010000101100110000001001000100$
 0001100100010100001
- 677) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 1100110000000100100010000011001000101000010,$
 $s = 11001100000001001000100000110010001010000101100110000001001000100000110010001010000101100110000$
 $00100100010000011001000101000010110011000000100100010000011001000101000010110011000000100100010000$
 0110010001010000101
- 678) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100110000001001000100000110010001010000101,$
 $s = 1001100000010010001000001100100010100001011001100000010010001000001100100010100001011001100000$
 $01001000100000110010001010000101100110000001001000100000110010001010000101100110000001001000100000$
 1100100010100001011
- 679) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 1100000001001000100000110010001010000101100,$
 $s = 11000000010010001000001100100010100001011001100000010010001000001100100010100001011001100000010$
 $01000100000110010001010000101100110000001001000100000110010001010000101100110000001001000100000110$
 0100010100001011001
- 680) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000010010001000001100100010100001011001,$
 $s = 1000000100100010000011001000101000010110011000000100100010000011001000101000010110011000000100$
 $10001000001100100010100001011001100000010010001000001100100010100001011001100000010010001000001100$
 1000101000010110011
- 681) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100100010000011011000101000010010011000000,$
 $s = 1001000100000110110001010000100100110000001001000100000110110001010000100100110000001001000100$
 $00011011000101000010010011000000100100010000011011000101000010010011000000100100010000011011000101$
 0000100100110000001
- 682) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100010000011011000101000010010011000000100,$
 $s = 1000100000110110001010000100100110000001001000100000110110001010000100100110000001001000100000$
 $11011000101000010010011000000100100010000011011000101000010010011000000100100010000011011000101000$
 0100100110000001001
- 683) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 100000110110001010000100100110000001001000,$
 $s = 1000001101100010100001001001100000010010001000001101100010100001001001100000010010001000001101$
 $10001010000100100110000001001000100000110110001010000100100110000001001000100000110110001010000100$
 1001100000010010001
- 684) $n_m = 6, w = 66, L_{min} = 252, n_b = 5, n_d = 1,$
 $b = 110110001010000100100110000001001000100000,$
 $s = 1101100010100001001001100000010010001000001101100010100001001001100000010010001000001101100010$
 $10000100100110000001001000100000110110001010000100100110000001001000100000110110001010000100100110$
 0000010010001000001

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- 706) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100000010010001001000100000110010011001001,$
 $s = 10000001001000100100010000011001001100100110000001001000100100010000001100100110010011000000100$
 $10001001000100000110010011001001100000010010001001000100000110010011001001100000010010001001000100$
 0001100100110010011
- 707) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 1001010100000001100010110100010000101000000,$
 $s = 10010101000000011000101101000100001010000001001010100000011000101101000100001010000001001010100$
 $00001100010110100010000101000000100101010000001100010110100010000101000000100101010000001100010110$
 1000100001010000001
- 708) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 101010000001100010110100010000101000000100,$
 $s = 1010100000011000101101000100001010000001001010100000011000101101000100001010000001001010100000$
 $01100010110100010000101000000100101010000001100010110100010000101000000100101010000001100010110100$
 0100001010000001001
- 709) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 101000000110001011010001000010100000010010,$
 $s = 1010000001100010110100010000101000000100101010000001100010110100010000101000000100101010000001$
 $10001011010001000010100000010010101000000110001011010001000010100000010010101000000110001011010001$
 0000101000000100101
- 710) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100000011000101101000100001010000001001010,$
 $s = 1000000110001011010001000010100000010010101000000110001011010001000010100000010010101000000110$
 $00101101000100001010000001001010100000011000101101000100001010000001001010100000011000101101000100$
 0010100000010010101
- 711) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 110001011010001000010100000010010101000000,$
 $s = 1100010110100010000101000000100101010000001100010110100010000101000000100101010000001100010110$
 $10001000010100000010010101000000110001011010001000010100000010010101000000110001011010001000010100$
 0000100101010000001
- 712) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100010110100010000101000000100101010000001,$
 $s = 1000101101000100001010000001001010100000011000101101000100001010000001001010100000011000101101$
 $00010000101000000100101010000001100010110100010000101000000100101010000001100010110100010000101000$
 0001001010100000011
- 713) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 101101000100001010000001001010100000011000,$
 $s = 1011010001000010100000010010101000000110001011010001000010100000010010101000000110001011010001$
 $00001010000001001010100000011000101101000100001010000001001010100000011000101101000100001010000001$
 0010101000000110001
- 714) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 110100010000101000000100101010000001100010,$
 $s = 1101000100001010000001001010100000011000101101000100001010000001001010100000011000101101000100$
 $00101000000100101010000001100010110100010000101000000100101010000001100010110100010000101000000100$
 1010100000011000101
- 715) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 101000100001010000001001010100000011000101,$
 $s = 1010001000010100000010010101000000110001011010001000010100000010010101000000110001011010001000$
 $01010000001001010100000011000101101000100001010000001001010100000011000101101000100001010000001001$
 0101000000110001011
- 716) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100010000101000000100101010000001100010110,$
 $s = 1000100001010000001001010100000011000101101000100001010000001001010100000011000101101000100001$

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738) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 110001010010001000010100000010010101100000,$
 $s = 1100010100100010000101000000100101011000001100010100100010000101000000100101011000001100010100$
10001000010100000010010101100000110001010010001000010100000010010101100000110001010010001000010100
0000100101011000001

739) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100010100100010000101000000100101011000001,$
 $s = 1000101001000100001010000001001010110000011000101001000100001010000001001010110000011000101001$
00010000101000000100101011000001100010100100010000101000000100101011000001100010100100010000101000
0001001010110000011

740) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 101001000100001010000001001010110000011000,$
 $s = 1010010001000010100000010010101100000110001010010001000010100000010010101100000110001010010001$
00001010000001001010110000011000101001000100001010000001001010110000011000101001000100001010000001
0010101100000110001

741) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100100010000101000000100101011000001100010,$
 $s = 1001000100001010000001001010110000011000101001000100001010000001001010110000011000101001000100$
00101000000100101011000001100010100100010000101000000100101011000001100010100100010000101000000100
1010110000011000101

742) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100010000101000000100101011000001100010100,$
 $s = 1000100001010000001001010110000011000101001000100001010000001001010110000011000101001000100001$
01000000100101011000001100010100100010000101000000100101011000001100010100100010000101000000100101
0110000011000101001

743) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100001010000001001010110000011000101001000,$
 $s = 1000010100000010010101100000110001010010001000010100000010010101100000110001010010001000010100$
00001001010110000011000101001000100001010000001001010110000011000101001000100001010000001001010110
0000110001010010001

744) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 101000000100101011000001100010100100010000,$
 $s = 1010000001001010110000011000101001000100001010000001001010110000011000101001000100001010000001$
00101011000001100010100100010000101000000100101011000001100010100100010000101000000100101011000001
1000101001000100001

745) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100000010010101100000110001010010001000010,$
 $s = 1000000100101011000001100010100100010000101000000100101011000001100010100100010000101000000100$
10101100000110001010010001000010100000010010101100000110001010010001000010100000010010101100000110
0010100100010000101

746) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 101000010001001010000100000110101011000000,$
 $s = 1010000100010010100001000001101010110000001010000100010010100001000001101010110000001010000100$
010010100001000001101010110000001010000100010010100001000001101010110000001010000100010010000100
0001101010110000001

747) $n_m = 6$, $w = 66$, $L_{min} = 252$, $n_b = 5$, $n_d = 1$,
 $b = 100001000100101000010000011010101100000010,$
 $s = 1000010001001010000100000110101011000000101000010001001010000100000110101011000000101000010001$
001010000100000110101011000000101000010001001010000100000110101011000000101000010001001000010000
0110101011000000101

66

00001000100101000010000011010101100000010100001000100101000010000011010101100000010100001000100101
0000100000110101011

759) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000011000010100001110000111000000100000,$
 $s = 1100000110000101000011100001110000001000001100000110000101000011100001110000001000001100000110$
 $00010100001110000111000000100000110000011000010100001110000111000000100000110000011000010100001110$
 00011100000010000011

760) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000101000011100001110000001000001100000,$
 $s = 1100001010000111000011100000010000011000001100001010000111000011100000010000011000001100001010$
 $00011100001110000001000001100000110000101000011100001110000001000001100000110000101000011100001110$
 00000100000110000011

761) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 111000011100000010000011000001100001010000,$
 $s = 1110000111000000100000110000011000010100001110000111000000100000110000011000010100001110000111$
 $00000010000011000001100001010000111000011100000010000011000001100001010000111000011100000010000011$
 00000110000101000011

762) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000111000000100000110000011000010100001,$
 $s = 1100001110000001000001100000110000101000011100001110000001000001100000110000101000011100001110$
 $00000100000110000011000010100001110000111000000100000110000011000010100001110000111000000100000110$
 00001100001010000111

763) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 111000000100000110000011000010100001110000,$
 $s = 1110000001000001100000110000101000011100001110000001000001100000110000101000011100001110000001$
 $00000110000011000010100001110000111000000100000110000011000010100001110000111000000100000110000011$
 00001010000111000011

764) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001000001100000110000101000011100001,$
 $s = 1100000010000011000001100001010000111000011100000010000011000001100001010000111000011100000010$
 $00001100000110000101000011100001110000001000001100000110000101000011100001110000001000001100000110$
 00010100001110000111

765) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000101000001100010010001111000000100000,$
 $s = 1100001010000011000100100011110000001000001100001010000011000100100011110000001000001100001010$
 $00001100010010001111000000100000110000101000001100010010001111000000100000110000101000001100010010$
 00111100000010000011

766) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001001000111100000010000011000010100000,$
 $s = 1100010010001111000000100000110000101000001100010010001111000000100000110000101000001100010010$
 $00111100000010000011000010100000110001001000111100000010000011000010100000110001001000111100000010$
 00001100001010000011

767) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 111100000010000011000010100000110001001000,$
 $s = 1111000000100000110000101000001100010010001111000000100000110000101000001100010010001111000000$
 $10000011000010100000110001001000111100000010000011000010100000110001001000111100000010000011000010$
 10000011000100100011

768) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 1110000000100000110000101000001100010010001,$
 $s = 11100000001000001100001010000011000100100011110000001000001100001010000011000100100011110000001$
 $00000110000101000001100010010001111000000100000110000101000001100010010001111000000100000110000101$
 00000110001001000111

- 769) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001000001100001010000011000100100011,$
 $s = 1100000010000011000010100000110001001000111100000010000011000010100000110001001000111100000010$
 $00001100001010000011000100100011110000001000001100001010000011000100100011110000001000001100001010$
 00001100010010001111
- 770) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000101000101100010010000111000000100000,$
 $s = 1100001010001011000100100001110000001000001100001010001011000100100001110000001000001100001010$
 $00101100010010000111000000100000110000101000101100010010000111000000100000110000101000101100010010$
 00011100000010000011
- 771) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001001000011100000010000011000010100010,$
 $s = 1100010010000111000000100000110000101000101100010010000111000000100000110000101000101100010010$
 $00011100000010000011000010100010110001001000011100000010000011000010100010110001001000011100000010$
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- 772) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 1110000000100000110000101000101100010010000,$
 $s = 11100000001000001100001010001011000100100001110000001000001100001010001011000100100001110000001$
 $00000110000101000101100010010000111000000100000110000101000101100010010000111000000100000110000101$
 00010110001001000011
- 773) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001000001100001010001011000100100001,$
 $s = 1100000010000011000010100010110001001000011100000010000011000010100010110001001000011100000010$
 $00001100001010001011000100100001110000001000001100001010001011000100100001110000001000001100001010$
 00101100010010000111
- 774) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000111000010100001110000011000000100000,$
 $s = 1100001110000101000011100000110000001000001100001110000101000011100000110000001000001100001110$
 $00010100001110000011000000100000110000111000010100001110000011000000100000110000111000010100001110$
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- 775) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 111000010100001110000011000000100000110000,$
 $s = 1110000101000011100000110000001000001100001110000101000011100000110000001000001100001110000101$
 $00001110000011000000100000110000111000010100001110000011000000100000110000111000010100001110000011$
 00000010000011000011
- 776) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 1100001010000111000000110000001000001100001,$
 $s = 11000010100001110000001100000010000011000011100001010000111000001100000010000011000011100001010$
 $000111000000110000001000001100001110000101000011100000110000001000001100001110000101000011100000110$
 000001000000110000111
- 777) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 111000001100000010000011000011100001010000,$
 $s = 1110000011000000100000110000111000010100001110000011000000100000110000111000010100001110000011$
 $00000010000011000011100001010000111000001100000010000011000011100001010000111000001100000010000011$
 00001110000101000011
- 778) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000011000000100000110000111000010100001,$
 $s = 1100000110000001000001100001110000101000011100000110000001000001100001110000101000011100000110$
 $00000100000110000111000010100001110000011000000100000110000111000010100001110000011000000100000110$
 00011100001010000111
- 779) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001000001100001110000101000011100000,$
 $s = 1100000010000011000011100001010000111000001100000010000011000011100001010000111000001100000010$

00001100001110000101000011100000110000001000001100001110000101000011100000110000001000001100001110
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780) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001101000101100000010000111000000100000,$
 $s = 1100011010001011000000100001110000001000001100011010001011000000100001110000001000001100011010$
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781) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110100010110000001000011100000010000011000,$
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782) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001000011100000010000011000110100010,$
 $s = 1100000010000111000000100000110001101000101100000010000111000000100000110001101000101100000010$
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783) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 111000000100000110001101000101100000010000,$
 $s = 1110000001000001100011010001011000000100001110000001000001100011010001011000000100001110000001$
 $00000110001101000101100000010000111000000100000110001101000101100000010000111000000100000110001101$
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784) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001000001100011010001011000000100001,$
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785) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000011010101000000100001010010001000010,$
 $s = 1100000110101010000001000010100100010000101100000110101010000001000010100100010000101100000110$
 $10101000000100001010010001000010110000011010101000000100001010010001000010110000011010101000000100$
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786) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110101010000001000010100100010000101100000,$
 $s = 1101010100000010000101001000100001011000001101010100000010000101001000100001011000001101010100$
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 10001000010110000011

787) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001011000001001010100000010000101001000,$
 $s = 1100010110000010010101000000100001010010001100010110000010010101000000100001010010001100010110$
 $00001001010100000010000101001000110001011000001001010100000010000101001000110001011000001001010100$
 00001000010100100011

788) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000010010101000000100001010010001100010,$
 $s = 1100000100101010000001000010100100011000101100000100101010000001000010100100011000101100000100$
 $10101000000100001010010001100010110000010010101000000100001010010001100010110000010010101000000100$
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789) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110100011000101000000100101010000001000010,$
 $s = 1101000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110$
 $00101000000100101010000001000010110100011000101000000100101010000001000010110100011000101000000100$
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70

00000100001110000111000010100000110000011000000100001110000111000010100000110000011000000100001110
00011100001010000011

- 801) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001000011100001110000101000001100000,$
 $s = 1100000010000111000011100001010000011000001100000010000111000011100001010000011000001100000010$
 $00011100001110000101000001100000110000001000011100001110000101000001100000110000001000011100001110$
 00010100000110000011
- 802) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 111000100100010110000101000001100000010000,$
 $s = 1110001001000101100001010000011000000100001110001001000101100001010000011000000100001110001001$
 $00010110000101000001100000010000111000100100010110000101000001100000010000111000100100010110000101$
 00000110000001000011
- 803) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001001000101100001010000011000000100001,$
 $s = 1100010010001011000010100000110000001000011100010010001011000010100000110000001000011100010010$
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- 804) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000101000001100000010000111000100100010,$
 $s = 1100001010000011000000100001110001001000101100001010000011000000100001110001001000101100001010$
 $00001100000010000111000100100010110000101000001100000010000111000100100010110000101000001100000010$
 00011100010010001011
- 805) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001000011100010010001011000010100000,$
 $s = 1100000010000111000100100010110000101000001100000010000111000100100010110000101000001100000010$
 $00011100010010001011000010100000110000001000011100010010001011000010100000110000001000011100010010$
 00101100001010000011
- 806) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000011001001100100100000010001001000100,$
 $s = 1100000110010011001001000000100010010001001100000110010011001001000000100010010001001100000110$
 $01001100100100000010001001000100110000011001001100100100000010001001000100110000011001001100100100$
 00001000100100010011
- 807) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010011001001000000100010010001001100000,$
 $s = 1100100110010010000001000100100010011000001100100110010010000001000100100010011000001100100110$
 $01001000000100010010001001100000110010011001001000000100010010001001100000110010011001001000000100$
 01001000100110000011
- 808) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010010000001000100100010011000001100100,$
 $s = 1100100100000010001001000100110000011001001100100100000010001001000100110000011001001100100100$
 $00001000100100010011000001100100110010010000001000100100010011000001100100110010010000001000100100$
 01001100000110010011
- 809) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000010001001000010110011010000001000100,$
 $s = 1100000100010010000101100110100000010001001100000100010010000101100110100000010001001100000100$
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 01101000000100010011
- 810) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110011010000001000100110000010001001000010,$
 $s = 1100110100000010001001100000100010010000101100110100000010001001100000100010010000101100110100$
 $00001000100110000010001001000010110011010000001000100110000010001001000010110011010000001000100110$
 00001000100100001011

- 811) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110100000010001001100000100010010000101100,$
 $s = 110100000010001001100000100010010000101100110100000010001001100000100100001011001101000000$
 $10001001100000100010010000101100110100000010001001100000100010010000101100110100000010001001100000$
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- 812) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000010001101000010110010010000001000100,$
 $s = 1100000100011010000101100100100000010001001100000100011010000101100100100000010001001100000100$
 $01101000010110010010000001000100110000010001101000010110010010000001000100110000010001101000010110$
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- 813) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110100001011001001000000100010011000001000,$
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- 814) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010010000001000100110000010001101000010,$
 $s = 1100100100000010001001100000100011010000101100100100000010001001100000100011010000101100100100$
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 00001000110100001011
- 815) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 1100010100011010000000110010010000001000100,$
 $s = 11000101000110100000001100100100000010001001100010100011010000001100100100000010001001100010100$
 $01101000000110010010000001000100110001010001101000000110010010000001000100110001010001101000000110$
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- 816) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110100000011001001000000100010011000101000,$
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 $11001001000000100010011000101000110100000011001001000000100010011000101000110100000011001001000000$
 10001001100010100011
- 817) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010010000001000100110001010001101000000,$
 $s = 1100100100000010001001100010100011010000001100100100000010001001100010100011010000001100100100$
 $00001000100110001010001101000000110010010000001000100110001010001101000000110010010000001000100110$
 00101000110100000011
- 818) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010011000001100100100010010000001000100,$
 $s = 1100100110000011001001000100100000010001001100100110000011001001000100100000010001001100100110$
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 01001000000100010011
- 819) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 1100000110010010001000100100000010001001100100,$
 $s = 1100000110010010001001000000100010011001001100000110010010001001000000100010011001001100000110$
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- 820) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010010001001000000100010011001001100000,$
 $s = 1100100100010010000001000100110010011000001100100100010010000001000100110010011000001100100100$
 $01001000000100010011001001100000110010010001001000000100010011001001100000110010010001001000000100$
 01001100100110000011
- 821) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110110001010001001000000110010010000001000,$
 $s = 1101100010100010010000001100100100000010001101100010100010010000001100100100000010001101100010$

10001001000000110010010000001000110110001010001001000000110010010000001000110110001010001001000000
11001001000000100011

- 822) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001010001001000000110010010000001000110,$
 $s = 1100010100010010000001100100100000010001101100010100010010000001100100100000010001101100010100$
 $01001000000110010010000001000110110001010001001000000110010010000001000110110001010001001000000110$
 01001000000100011011
- 823) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 1100100100000001000110110001010001001000000,$
 $s = 11001001000000010001101100010100010010000001100100100000010001101100010100010010000001100100100$
 $00001000110110001010001001000000110010010000001000110110001010001001000000110010010000001000110110$
 00101000100100000011
- 824) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 111100010010000001100000101000000110000001000,$
 $s = 111100010010000001100000101000000110000001000111100010010000011000001010000001100000010001111000100$
 $10000011000001010000011000000100011110001001000001100000101000000110000001000111100010010000011000010$
 10000011000000100011
- 825) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 11100010010000001100001010000001100000010001,$
 $s = 111000100100000011000010100000011000000100011110001001000001100001010000011000000100011110001001$
 $00000110000101000001100000010001111000100100000110000101000001100000010001111000100100000110000101$
 00000110000001000111
- 826) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 11000100100000011000010100000011000000100011,$
 $s = 110001001000000110000101000000110000001000111100010010000011000010100000110000001000111100010010$
 $00001100001010000011000000100011110001001000001100001010000011000000100011110001001000001100001010$
 00001100000010001111
- 827) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 1100001010000001100000010001111000100100000,$
 $s = 11000010100000011000000100011110001001000001100001010000011000000100011110001001000001100001010$
 $00001100000010001111000100100000110000101000001100000010001111000100100000110000101000001100000010$
 00111100010010000011
- 828) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 1100000001000111100010010000011000010100000,$
 $s = 110000000100011110001001000001100001010000011000000010001111000100100000110000101000001100000010$
 $00111100010010000011000010100000110000001000111100010010000011000010100000110000001000111100010010$
 00001100001010000011
- 829) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010001010000101100110000001001000100000,$
 $s = 1100100010100001011001100000010010001000001100100010100001011001100000010010001000001100100010$
 $10000101100110000001001000100000110010001010000101100110000001001000100000110010001010000101100110$
 00000100100010000011
- 830) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 11001100000001001000100000011001000101000010,$
 $s = 110011000000010010001000000110010001010000101100110000001001000100000110010001010000101100110000$
 $00100100010000011001000101000010110011000000100100010000011001000101000010110011000000100100010000$
 01100100010100001011
- 831) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000000100100010000001100100010100000101100,$
 $s = 11000000010010001000000110010001010000010110011000000100100010000001100100010100001011001100000010$
 $010001000001100100010100000101100110000001001000100000110010001010000101100110000001001000100000110$
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- 832) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110110001010000100100110000001001000100000,$
 $s = 1101100010100001001001100000010010001000001101100010100001001001100000010010001000001101100010$
 $10000100100110000001001000100000110110001010000100100110000001001000100000110110001010000100100110$
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- 833) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001010000100100110000001001000100000110,$
 $s = 1100010100001001001100000010010001000001101100010100001001001100000010010001000001101100010100$
 $00100100110000001001000100000110110001010000100100110000001001000100000110110001010000100100110000$
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- 834) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001001000100000110110001010000100100,$
 $s = 1100000010010001000001101100010100001001001100000010010001000001101100010100001001001100000010$
 $01000100000110110001010000100100110000001001000100000110110001010000100100110000001001000100000110$
 11000101000010010011
- 835) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010011001001100000010010001001000100000,$
 $s = 1100100110010011000000100100010010001000001100100110010011000000100100010010001000001100100110$
 $0100110000001001000100100010000011001001100100110000001001000100100010000110010011001001100000010$
 01000100100010000011
- 836) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110010011000000100100010010001000001100100,$
 $s = 1100100110000001001000100100010000011001001100100110000001001000100100010000011001001100100110$
 $00000100100010010001000001100100110010011000000100100010010001000001100100110010011000000100100010$
 01000100000110010011
- 837) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001001000100100010000011001001100100,$
 $s = 110000001001000100100010000011001001100100110000001001000100100010000110010011001001100000010$
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- 838) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001011010001000010100000010010101000000,$
 $s = 1100010110100010000101000000100101010000001100010110100010000101000000100101010000001100010110$
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- 839) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110100010000101000000100101010000001100010,$
 $s = 1101000100001010000001001010100000011000101101000100001010000001001010100000011000101101000100$
 $00101000000100101010000001100010110100010000101000000100101010000001100010110100010000101000000100$
 10101000000110001011
- 840) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000011000101001000100001010000001001010,$
 $s = 1100000110001010010001000010100000010010101100000110001010010001000010100000010010101100000110$
 $00101001000100001010000001001010110000011000101001000100001010000001001010110000011000101001000100$
 00101000000100101011
- 841) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110001010010001000010100000010010101100000,$
 $s = 1100010100100010000101000000100101011000001100010100100010000101000000100101011000001100010100$
 $10001000010100000010010101100000110001010010001000010100000010010101100000110001010010001000010100$
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- 842) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110101011000000101000010001001010000100000,$
 $s = 1101010110000001010000100010010100001000001101010110000001010000100010010100001000001101010110$

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- 843) $n_m = 6, w = 67, L_{min} = 253, n_b = 5, n_d = 2,$
 $b = 110000001010000100010010100001000001101010,$
 $s = 1100000010100001000100101000010000011010101100000010100001000100101000010000011010101100000010$
 $10000100010010100001000001101010110000001010000100010010100001000001101010110000001010000100010010$
 10000100000110101011
- 844) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111000011100000010000011000001100001010000,$
 $s = 1110000111000000100000110000011000010100001110000111000000100000110000011000010100001110000111$
 $00000010000011000001100001010000111000011100000010000011000001100001010000111000011100000010000011$
 000001100001010000111
- 845) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111000000100000110000010000010100001110000,$
 $s = 1110000001000001100000110000101000011100001110000001000001100000110000101000011100001110000001$
 $00000110000011000010100001110000111000000100000110000011000010100001110000111000000100000110000011$
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- 846) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111100000010000011000010100000110001001000,$
 $s = 1111000000100000110000101000001100010010001111000000100000110000101000001100010010001111000000$
 $10000011000010100000110001001000111100000010000011000010100000110001001000111100000010000011000010$
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- 847) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111000000100000110000101000001100010010001,$
 $s = 1110000001000001100001010000011000100100011110000001000001100001010000011000100100011110000001$
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- 848) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111000000100000110000101000101100010010000,$
 $s = 1110000001000001100001010001011000100100001110000001000001100001010001011000100100001110000001$
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- 849) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111000010100001110000011000000100000110000,$
 $s = 1110000101000011100000110000001000001100001110000101000011100000110000001000001100001110000101$
 $00001110000011000000100000110000111000010100001110000011000000100000110000111000010100001110000011$
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- 850) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111000001100000010000011000011100001010000,$
 $s = 1110000011000000100000110000111000010100001110000011000000100000110000111000010100001110000011$
 $00000010000011000011100001010000111000001100000010000011000011100001010000111000001100000010000011$
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- 851) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111000000100000110001101000101100000010000,$
 $s = 1110000001000001100011010001011000000100001110000001000001100011010001011000000100001110000001$
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- 852) $n_m = 6, w = 68, L_{min} = 254, n_b = 5, n_d = 3,$
 $b = 111000000100010110001101000001100000010000,$
 $s = 1110000001000101100011010000011000000100001110000001000101100011010000011000000100001110000001$
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00001000100110000010001001000010110011010000001000100110000010001001000010110011010000001000100110
00001000100100001011001101

- 864) $n_m = 6, w = 70, L_{min} = 259, n_b = 5, n_d = 8,$
 $b = 100011110001001000001100001010000011000000,$
 $s = 1000111100010010000011000010100000110000001000111100010010000011000010100000110000001000111100$
 $01001000001100001010000011000000100011110001001000001100001010000011000000100011110001001000001100$
 $00101000001100000010001111$
- 865) $n_m = 6, w = 70, L_{min} = 259, n_b = 5, n_d = 8,$
 $b = 111100010010000011000010100000110000001000,$
 $s = 1111000100100000110000101000001100000010001111000100100000110000101000001100000010001111000100$
 $10000011000010100000110000001000111100010010000011000010100000110000001000111100010010000011000010$
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- 866) $n_m = 6, w = 70, L_{min} = 259, n_b = 5, n_d = 8,$
 $b = 101100110000001001000100000110010001010000,$
 $s = 1011001100000010010001000001100100010100001011001100000010010001000001100100010100001011001100$
 $00001001000100000110010001010000101100110000001001000100000110010001010000101100110000001001000100$
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- 867) $n_m = 6, w = 70, L_{min} = 259, n_b = 5, n_d = 8,$
 $b = 110101011000000101000010001001010000100000,$
 $s = 1101010110000001010000100010010100001000001101010110000001010000100010010100001000001101010110$
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- 868) $n_m = 6, w = 70, L_{min} = 259, n_b = 5, n_d = 8,$
 $b = 101010110000001010000100010010100001000001,$
 $s = 1010101100000010100001000100101000010000011010101100000010100001000100101000010000011010101100$
 $00001010000100010010100001000001101010110000001010000100010010100001000001101010110000001010000100$
 $01001010000100000110101011$
- 869) $n_m = 6, w = 71, L_{min} = 260, n_b = 5, n_d = 9,$
 $b = 110101011000000101000010001001010000100000,$
 $s = 1101010110000001010000100010010100001000001101010110000001010000100010010100001000001101010110$
 $00000101000010001001010000100000110101011000000101000010001001010000100000110101011000000101000010$
 $001001010000100000110101011$
- 870) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 100001110000111000000100000110000011000010,$
 $s = 1000011100001110000001000001100000110000101000011100001110000001000001100000110000101000011100$
 $00111000000100000110000011000010100001110000111000000100000110000011000010100001110000111000000100$
 $000110000011000010100001110000111$
- 871) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 110001001000111100000010000011000010100000,$
 $s = 1100010010001111000000100000110000101000001100010010001111000000100000110000101000001100010010$
 $00111100000010000011000010100000110001001000111100000010000011000010100000110001001000111100000010$
 $000011000010100000110001001000111$
- 872) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 100010010001111000000100000110000101000001,$
 $s = 1000100100011110000001000001100001010000011000100100011110000001000001100001010000011000100100$
 $01111000000100000110000101000001100010010001111000000100000110000101000001100010010001111000000100$
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- 873) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 110001101000101100000010000111000000100000,$
 $s = 1100011010001011000000100001110000001000001100011010001011000000100001110000001000001100011010$
 $00101100000010000111000000100000110001101000101100000010000111000000100000110001101000101100000010$
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- 874) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 1000110100010110000001000011100000010000001,$
 $s = 1000110100010110000001000011100000010000011000110100010110000001000011100000010000011000110100$
 $01011000000100001110000001000001100011010001011000000100001110000001000001100011010001011000000100$
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- 875) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 100101010010101000000100001010000101001000,$
 $s = 10010101001010100000010000101000010100100010010101001010100000010000101000010100100010010010100$
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- 876) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 101100000110101010000001000010100100010000,$
 $s = 1011000001101010100000010000101001000100001011000001101010100000010000101001000100001011000001$
 $10101010000001000010100100010000101100000110101010000001000010100100010000101100000110101010000001$
 $000010100100010000101100000110101$
- 877) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 110000011010101000000100001010010001000010,$
 $s = 1100000110101010000001000010100100010000101100000110101010000001000010100100010000101100000110$
 $10101000000100001010010001000010110000011010101000000100001010010001000010110000011010101000000100$
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- 878) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 101101000110001010000001001010100000010000,$
 $s = 1011010001100010100000010010101000000100001011010001100010100000010010101000000100001011010001$
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- 879) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 110100011000101000000100101010000001000010,$
 $s = 1101000110001010000001001010100000010000101101000110001010000001001010100000010000101101000110$
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- 880) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 100010110001101000001100000010000111000000,$
 $s = 1000101100011010000011000000100001110000001000101100011010000011000000100001110000001000101100$
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- 881) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 100001110000111000010100000110000011000000,$
 $s = 100001110000111000010100000110000011000000100001110000111000010100000110000011000001000011100$
 $00111000010100000110000011000000100001110000111000010100000110000011000000100001110000111000010100$
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- 882) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 111000011100001010000011000001100000010000,$
 $s = 1110000111000010100000110000011000000100001110000111000010100000110000011000000100001110000111$
 $00001010000011000001100000010000111000011100001010000011000001100000010000111000011100001010000011$
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- 883) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 110010011001001000000100010010001001100000,$
 $s = 1100100110010010000001000100100010011000001100100110010010000001000100100010011000001100100110$
 $01001000000100010010001001100000110010011001001000000100010010001001100000110010011001001000000100$
 $010010001001100000110010011001001$
- 884) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 100001011001101000000100010011000001000100,$
 $s = 1000010110011010000001000100110000010001001000010110011010000001000100110000010001001000010110$

01101000000100010011000001000100100001011001101000000100010011000001000100100001011001101000000100
010011000001000100100001011001101

- 885) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 110100001011001001000000100010011000001000,$
 $s = 1101000010110010010000001000100110000010001101000010110010010000001000100110000010001101000010$
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- 886) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 1100010100011010000000110010010000001000100,$
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- 887) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 100011011000101000100100000011001001000000,$
 $s = 1000110110001010001001000000110010010000001000110110001010001001000000110010010000001000110110$
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- 888) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 110110001010001001000000110010010000001000,$
 $s = 1101100010100010010000001100100100000010001101100010100010010000001100100100000010001101100010$
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 $110010010000001000110110001010001$
- 889) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 10001111000100100000011000001010000011000000,$
 $s = 100011110001001000000110000010100000110000001000111100010010000011000010100000110000001000111100$
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- 890) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 10100001011001100000001001000100000011001000,$
 $s = 1010000101100110000000100100010000001100100010100001011001100000010010001000000110010001010000101$
 $10011000000010010001000000110010001010000101100110000001001000100000011001000101000010110011000000100$
 $1000100000011001000101000010110011$
- 891) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 1100100110010011000000010010001001000100000,$
 $s = 11001001100100110000000100100010001000000110010011001001100000001001000100100010000001100100110$
 $010011000000010010001001000100000011001001100100110000000100100010010001000000110010011001001100000010$
 $0100010010001000000110010011001001$
- 892) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 1001001100100110000000100100010010001000001,$
 $s = 10010011001001100000001001000100100010000001100100110010011000000010010001001000100000011001001100$
 $100110000000100100010010001000000110010011001001100000001001000100100010000001100100110010011000000100$
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- 893) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
 $b = 11000101101000100000101000000010010101000000,$
 $s = 110001011010001000001010000000100101010000000110001011010001000001010000000100101010000001100010110$
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- 894) $n_m = 6, w = 72, L_{min} = 266, n_b = 5, n_d = 15,$
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 $s = 1001010100101010010001000001010000010100000001001010100101010010001000001010000010100000001001010100$
 $10101001000100000101000001010000000100101010010101001000100000101000001010000000100101010010101001000100$
 $00101000001010000000100101010010101$

00101000011100000110000001000001100001110000101000011100000110000001000001100001110000101000011100
0001100000010000011000011100001010000111

- 906) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 100000110001101000101100000010000111000000,$
 $s = 1000001100011010001011000000100001110000001000001100011010001011000000100001110000001000001100$
 $01101000101100000010000111000000100000110001101000101100000010000111000000100000110001101000101100$
 $0000100001110000001000001100011010001011$
- 907) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 101001000100101010010101000000100001010000,$
 $s = 1010010001001010100101010000001000010100001010010001001010100101010000001000010100001010010001$
 $0010101001010100000010000101000010100100010010101001010100000010000101000101001000100101010010101$
 $0000001000010100001010010001001010100101$
- 908) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 100100010010101001010100000010000101000010,$
 $s = 1001000100101010010101000000100001010000101001000100101010010101000000100001010000101001000100$
 $101010010101000000100001010000101001000100101010010101000000100001010000101001000100101010010100$
 $00001000010100001010010001001010010101$
- 909) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 100001011000001101010100000010000101001000,$
 $s = 1000010110000011010101000000100001010010001000010110000011010101000000100001010010001000010110$
 $00001101010100000010000101001000100001011000001101010100000010000101001000100001011000001101010100$
 $0000100001010010001000010110000011010101$
- 910) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 110001011000001001010100000010000101001000,$
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- 911) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 912) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 100101010010001001010100001010000001000010,$
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- 913) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 100001011010001100010100000010010101000000,$
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- 914) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 111000000100010110001101000001100000010000,$
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- 915) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
 $b = 100010110001101000001100000010000111000000,$
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00101000100100000011001001000000100011011000101000100100000011001001000000100011011000101000100100
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- 927) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 928) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 929) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 930) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 931) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 932) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 933) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 934) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 937) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 938) $n_m = 6, w = 74, L_{min} = 273, n_b = 5, n_d = 22,$
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- 939) $n_m = 6, w = 75, L_{min} = 274, n_b = 5, n_d = 23,$
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- 940) $n_m = 6, w = 75, L_{min} = 274, n_b = 5, n_d = 23,$
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- 941) $n_m = 6, w = 75, L_{min} = 274, n_b = 5, n_d = 23,$
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- 942) $n_m = 6, w = 75, L_{min} = 274, n_b = 5, n_d = 23,$
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- 943) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 944) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 950) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 958) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 959) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 960) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 961) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 967) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 979) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 983) $n_m = 6, w = 76, L_{min} = 280, n_b = 5, n_d = 29,$
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- 989) $n_m = 6, w = 77, L_{min} = 281, n_b = 5, n_d = 30,$
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[illegible]

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[illegible]

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1095) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 100100010010101001010100000010000101000010,$
 $s = 1001000100101010010101000000100001010000101001000100101010010101000000100001010000101001000100$
 $10101001010100000010000101000010100100010010101001010100000010000101000100100101001010100$
 $0000100001010000101001000100101010010101000000100001010000101$

1096) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 1000100101010001010100000010000101000010100,$
 $s = 10001001010100010101000000100001010000101001000100101010010101000000100001010000100100100100101$
 $010010101000000100001010000101001000100101001010100000010000101000100100101001010100000$
 $0100001010000101001000100101010010101000000100001010000101001$

1097) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 1001010100101010000000100001010000101001000,$
 $s = 10010101001010100000001000010100001010010001001010100101010000001000010100001010010001001010100$
 $10101000000100001010000101001000100101001010100000010000101000100010010101000000100$
 $0010100001010010001001010100101010000001000010100001010010001$

1098) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 1010100101010000000100001010000101001000100,$
 $s = 101010010101000000010000101000010100100010010101001010100000010000101000010100100010010100101$
 $01000000010000101000010100100010010101001010100000010000101000100010010101000000100001$
 $0100001010010001001010100101010000001000010100001010010001001$

1099) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 1010010101000000010000101000010100100010010,$
 $s = 10100101010000000100001010000101001000100101010010101000000100001010000101001000100101010010101$
 $000000010000101000010100100010010101010000001000010100010010101001010100000010000101$
 $00001010010001001010100101010000001000010100010010101001010100000010000101$

1100) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 1001010100000001000010100001010010001001010,$
 $s = 1001010100000001000010100001010010001001010100101010000001000010100001010010001001010100$
 $000010000101000010100100010010101001010100000010000101000100010010100101010000001000010100$
 $00101001000100101010010101000000100001010001000100100101010000001000010100$

1101) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 1010100000001000010100001010010001001010100,$
 $s = 101010000000100001010000101001000100101010100000010000101000100010010101001010100000$
 $0100001010000101001000100101010010101000000100001010000101001000100101010000001000010100001$
 $01001000100101010010101000000100001010001000100010010101000000100001010001$

1102) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 1010000000100001010000101001000100101010010,$
 $s = 10100000001000010100001010010001001010100101010000001000010100001010010001001010100101010000001$
 $0000101000010100100010010101001010100000010000101000010100100010010101000000100001010000101$
 $0010001001010100101010000001000010100001010010001001010100101$

1103) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 1000000010000101000010100100010010101001010,$
 $s = 100000001000010100001010010001001010100101010000001000010100010001001010010101000000100$
 $0010100001010010001001010100101010000001000010100001010010001001010100000010000101000010100$
 $100010010101001010100000010000101000010100100010010101001001010100000010000101000010101$

1104) $n_m = 6, w = 79, L_{min} = 294, n_b = 6, n_d = 1,$
 $b = 100001010010001000010110000011010101000000,$
 $s = 1000010100100010000101100000110101010000001000010100100010000101100000110101010000001000010100$
 $100010000101100000110101010000001000010100100010000101100000110101010000001000010100$
 $0000110101010000001000010100100010000101100000110101010000001$

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[illegible]

[illegible]

106

[illegible]

108

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

116

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

126

[illegible]

128

[illegible]

130

[illegible]

[illegible]

[illegible]

134

[illegible]

[illegible]

[illegible]

- 1504) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 110001010001101000000110010010000001000100,$
 $s = 1100010100011010000001100100100000010001001100010100011010000001100100100000010001001100010100$
 $01101000000110010010000001000100110001010001101000000110010010000001000100110001010001101000000110$
 $010010000001000100110001010001101000000110010010000001000100110001010001101$
- 1505) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 100011011000101000100100000011001001000000,$
 $s = 1000110110001010001001000000110010010000001000110110001010001001000000110010010000001000110110$
 $00101000100100000011001001000000100011011000101000100100000011001001000000100011011000101000100100$
 $000011001001000000100011011000101000100100000011001001000000100011011000101$
- 1506) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 110110001010001001000000110010010000001000,$
 $s = 1101100010100010010000001100100100000010001101100010100010010000001100100100000010001101100010$
 $1000100100000011001001000000100011011000101000100100000011001001000000100011011000101000100100000$
 $110010010000001000110110001010001001000000110010010000001000110110001010001$
- 1507) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 100011110001001000000110000010100000011000000,$
 $s = 100011110001001000000110000010100000011000000100011110001001000000110000101000000110000001000111100$
 $010010000001100000101000000110000001000111100010010000001100000101000000110000001000111100010010000001100$
 $0010100000011000000100011110001001000000110000010100000011000000100011110001001$
- 1508) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 10100001011001100000001001000100000011001000,$
 $s = 10100001011001100000001001000100000011001000101000010110011000000010010001000000110010001010000101$
 $100110000000100100010000001100100010100001011001100000001001000100000011001000101000010110011000000100$
 $100010000001100100010100001011001100000001001000100000011001000101000010110011$
- 1509) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 1100100110010011000000010010001001000100000,$
 $s = 1100100110010011000000010010001001000100000011001001100100110000000100100010000001100100110$
 $0100110000000100100010010001000000110010011001001100000001001000100001000000110010011001001100000010$
 $010001001000100000011001001100100110000000100100010010001000000110010011001001$
- 1510) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 1001001100100110000000100100010010001000001,$
 $s = 10010011001001100000001001000100100010000001100100110010011000000010010001001000100000011001001100$
 $100110000000100100010010001000000110010011001001100000001001000100100010000001100100110010011000000100$
 $100010010001000000110010011001001100000001001000100100010000001100100110010011$
- 1511) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 11000101101000100000101000000010010101000000,$
 $s = 1100010110100010000010100000001001010100000001100010110100010000010100000001001010100000001100010110$
 $100010000010100000001001010100000001100010110100010000010100000001001010100000001100010110100010000010100$
 $0000100101010000000110001011010001000001010000000100101010000000110001011010001$
- 1512) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 10010101001010100100010000010100000101000000,$
 $s = 1001010100101010010001000001010000010100000001001010100101010010001000001010000010100000001001010100$
 $10101001000100000101000001010000000100101010010101001000100000101000001010000000100101010010101001000100$
 $00101000001010000000100101010010101001000100000101000000100101010010101$
- 1513) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 101010010101001000100000101000001010000000100,$
 $s = 101010010101001000100000101000001010000000100101010010101001000100000101000000101000000010010100101$
 $010010001000001010000010100000001001010100101010010001000001010000010100000001001010010101001000100001$
 $010000010100000001001010100101010010001000001010000010100000001001010100101001$
- 1514) $n_m = 6, w = 85, L_{min} = 308, n_b = 6, n_d = 15,$
 $b = 10000011010101100000001010000100010001010000,$
 $s = 10000011010101100000001010000100010010100001000000110101011000000010100001000100101000010000001101$

[illegible]

140

[illegible]

142

[illegible]

144

[illegible]

[illegible]

[illegible]

[illegible]

152

- 1704) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 100000010000111000000100000110001101000101,$
 $s = 1000000100001110000001000001100011010001011000000100001110000001000001100011010001011000000100$
 $00111000000100000110001101000101100000010000111000000100000110001101000101100000010000111000000100$
 $0001100011010001011000000100001110000001000001100011010001011000000100001110000001000011000110100$
 01011
- 1705) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 100001110000001000001100011010001011000000,$
 $s = 1000011100000010000011000110100010110000001000011100000010000011000110100010110000001000011100$
 $00001000001100011010001011000000100001110000001000001100011010001011000000100001110000001000001100$
 $01101000101100000010000111000000100000110001101000101100000010000111000000100000110001101000101100$
 00001
- 1706) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 111000000100000110001101000101100000010000,$
 $s = 1110000001000001100011010001011000000100001110000001000001100011010001011000000100001110000001$
 $000001100011010001011000000100001110000001000001100011010001011000000100001110000001000011001101$
 $00010110000001000011100000010000011000110100010110000001000011100000010000011000110100010110000001$
 00001
- 1707) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 110000001000001100011010001011000000100001,$
 $s = 1100000010000011000110100010110000001000011100000010000011000110100010110000001000011100000010$
 $00001100011010001011000000100001110000001000001100011010001011000000100001110000001000001100011010$
 $00101100000010000111000000100000110001101000101100000010000111000000100000110001101000101100000010$
 00011
- 1708) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 100000010000011000110100010110000001000011,$
 $s = 1000000100000110001101000101100000010000111000000100000110001101000101100000010000111000000100$
 $00011000110100010110000001000011100000010000011000110100010110000001000011100000010000011000110100$
 $01011000000100001110000001000001100011010001011000000100001110000001000001100011010001011000000100$
 00111
- 1709) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 100001010000101001000100101010010101000000,$
 $s = 10000101000010100100010010101001010100000010000101000010100100010010100101010000001000010100$
 $001010010001001010100101010000001000010100010100100010010101001010100000010000101000101001000100$
 $101010010101000000100001010001000100010010010010101000000100001010001001000100101001010100$
 00001
- 1710) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 101000010100100010010101001010100000010000,$
 $s = 10100001010010001001010100101010000001000010100010001000100101010010101000000100001010000101$
 $0010001001010100101010000001000010100010100100010010101001010100000010000101000100100010010101$
 $0010101000000100001010000101001000100101010010101000000100001010001001000100101010000001$
 00001
- 1711) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 100001010010001001010100101010000001000010,$
 $s = 1000010100100010010101001010100000010000101000010100100010010101001010100000010000101000010100$
 $10001001010100101010000001000010100001010010001001010100101010000001000010100010010001001010100$
 $1010100000010000101000010100100010010101001010100000010000101000100100010010010101000000100$
 00101
- 1712) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 101001000100101010010101000000100001010000,$
 $s = 10100100010010101001010100000010000101000100010001001010100101010000001000010100001010010001$
 $0010101001010100000010000101000100010001001010101000000100001010001001000100101010010101$
 $00000010000101000010100100010010101010000001000010100100010010101001010100000010000101$
 00001

- 1713) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 100100010010101001010100000010000101000010,$
 $s = 1001000100101010010101000000100001010000100100010010101000000100001010000101001000100$
 $101010010101000000100001010000101001000100101010010101000000100001010000101001001010100$
 $0000100001010000101001000100101010010101000000100001010010001001010100101010000001000010100$
 00101
- 1714) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 100010010101001010100000010000101000010100,$
 $s = 1000100101010010101000000100001010000101001000100101010010101000000100001010000101001000100101$
 $0100101010000001000010100001010010001001010100101010000001000010100001010010001001010100000$
 $010000101000010100100010010101001010100000010000101000010100100010010100101010000001000010100001$
 01001
- 1715) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 1001010100101010000000100001010000101001000,$
 $s = 10010101001010100000001000010100001010010001001010100101010000001000010100001010010001001010100$
 $10101000000010000101000010100100010010101001010100000010000101000010100100010010101000000100$
 $00101000010100100010010101001010100000010000101000010100100010010101001010100000010000101000010100$
 10001
- 1716) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 1010100101010000000100001010000101001000100,$
 $s = 101010010101000000010000101000010100100010010101001010100000010000101000010100100010010100101$
 $01000000010000101000010100100010010101001010100000010000101000100010010101000000100001$
 $0100001010010001001010100101010000001000010100001010010001001010100101010000001000010100100$
 01001
- 1717) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 1010010101000000010000101000010100100010010,$
 $s = 101001010100000001000010100001010010001001010100101010000001000010100001010010001001010100101$
 $000000010000101000010100100010010101001010100000010000101000010100100010010101001010100000010000101$
 $0000101001000100101010010101000000100001010001000100101010010101000000100001010010001$
 00101
- 1718) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 1001010100000001000010100001010010001001010,$
 $s = 10010101000000010000101000010100100010010101001010100000010000101000010100100010010101001010100$
 $000010000101000010100100010010101001010100000010000101000010100100010010101010000001000010100$
 $0010100100010010101001010100000010000101000100010010101001010100000010000101000101001000100$
 10101
- 1719) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 1010100000001000010100001010010001001010100,$
 $s = 101010000000100001010000101001000100101010010101000000100001010000101001000100101010010100000$
 $0100001010000101001000100101010010101000000100001010000101001000100101010000001000010100001$
 $01001000100101010010101000000100001010001000100101001010100000010000101001000100101000100101$
 01001
- 1720) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 1010000000100001010000101001000100101010010,$
 $s = 10100000001000010100001010010001001010100101010000001000010100001010010001001010100101010000001$
 $0000101000010100100010010101001010100000010000101000010100100010010101000000100001010000101$
 $00100010010101001010100000010000101000100010010101001010100000010000101000100010010101000000100101$
 00101
- 1721) $n_m = 6, w = 92, L_{min} = 336, n_b = 7, n_d = 1,$
 $b = 10000000100001010000101001000100100101001010,$
 $s = 100000001000010100001010010001001010100101010000001000010100010001001010100101010000001000$
 $00101000010100100010010101001010100000010000101000100010010101001010100000010000101000010100$
 $1000100101010010101000000100001010001000100010010100101010000001000010100010001001010100$
 10101

164

178


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b = 100110010011000000100100010010001000001100,
s = 1001100100110000001001000100100010000011001001100100110000001001000100100010000011001001100100
11000000100100010010001000001100100110010011000000100100010010001000001100100110010011000000100100
01001000100000110010011001001100000010010001001000100000110010011001001100000010010001001000100000
11001

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b = 101011000000101000010001001010000100000110,
s = 1010110000001010000100010010100001000001101010110000001010000100010010100001000001101010110000
00101000010001001010000100000110101011000000101000010001001010000100000110101011000000101000010001
00101000010000011010101100000010100001000100101000010000011010101100000010100001000100101000010000
01101

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190

[illegible]

[illegible]

[illegible]

- 2127) $n_m = 6, w = 98, L_{min} = 350, n_b = 7, n_d = 15,$
 $b = 110010011001001100000010010001001000100000,$
 $s = 110010011001001100000010010001001000100000110010011001001100000010010001000010000001100100110$
 $010011000000100100010010001000001100100110010011000000100100010000100000110010011001001100000010$
 $01000100100010000011001001100100110000001001000100100010000011001001100100110000001001000100100010$
 0000110010011001001
- 2128) $n_m = 6, w = 98, L_{min} = 350, n_b = 7, n_d = 15,$
 $b = 100100110010011000000100100010010001000001,$
 $s = 1001001100100110000001001000100100010000011001001100100110000001001000100100010000011001001100$
 $10011000000100100010010001000001100100110010011000000100100010010001000001100100110010011000000100$
 $10001001000100000110010011001001100000010010001001000100000110010011001001100000010010001001000100$
 0001100100110010011
- 2129) $n_m = 6, w = 98, L_{min} = 350, n_b = 7, n_d = 15,$
 $b = 110001011010001000010100000010010101000000,$
 $s = 1100010110100010000101000000100101010000001100010110100010000101000000100101010000001100010110$
 $10001000010100000010010101000000110001011010001000010100000010010101000000110001011010001000010100$
 $00001001010100000011000101101000100001010000001001010100000011000101101000100001010000001001010100$
 0000110001011010001
- 2130) $n_m = 6, w = 98, L_{min} = 350, n_b = 7, n_d = 15,$
 $b = 10010101001010100100010000010100000101000000,$
 $s = 1001010100101010010001000001010000010100000010010101001010100100010000010100000101000001001010100$
 $1010100100010000010100000101000000100101010010101001000100000101000001001010100101010010001000$
 $0010100000101000000100101010010101001000100000101000001001010100101010010001000001010000010100$
 0000100101010010101
- 2131) $n_m = 6, w = 98, L_{min} = 350, n_b = 7, n_d = 15,$
 $b = 101010010101001000100001010000101000000100,$
 $s = 1010100101010010001000010100000101000000100101010010101001000100000101000001010000001001010100101$
 $010010001000010100000101000000100101010010101001000100000101000001010000001001010100101001000100001$
 $0100001010000001001010100101010010001000001010000010100000010010101001010100100010000010100000$
 0100101010010101001
- 2132) $n_m = 6, w = 98, L_{min} = 350, n_b = 7, n_d = 15,$
 $b = 100000110101011000000101000010001001010000,$
 $s = 1000001101010110000001010000100010010100001000001101010110000001010000100010010100001000001101$
 $01011000000101000010001001010000100000110101011000000101000010001001010000100000110101011000000101$
 $00001000100101000010000011010101100000010100001000100101000010000011010101100000010100001000100101$
 0000100000110101011
- 2133) $n_m = 6, w = 99, L_{min} = 351, n_b = 7, n_d = 16,$
 $b = 110001001000111100000010000011000010100000,$
 $s = 1100010010001111000000100000110000101000001100010010001111000000100000110000101000001100010010$
 $00111100000010000011000010100000110001001000111100000010000011000010100000110001001000111100000010$
 $00001100001010000011000100100011110000001000001100001010000011000100100011110000001000001100001010$
 00001100010010001111
- 2134) $n_m = 6, w = 99, L_{min} = 351, n_b = 7, n_d = 16,$
 $b = 110001101000101100000010000111000000100000,$
 $s = 1100011010001011000000100001110000001000001100011010001011000000100001110000001000001100011010$
 $00101100000010000111000000100000110001101000101100000010000111000000100000110001101000101100000010$
 $00011100000010000011000110100010110000001000011100000010000011000110100010110000001000011100000010$
 00001100011010001011
- 2135) $n_m = 6, w = 99, L_{min} = 351, n_b = 7, n_d = 16,$
 $b = 110010011001001100000010010001001000100000,$
 $s = 1100100110010011000000100100010010001000001100100110010011000000100100010010001000001100100110$
 $01001100000010010001001000100000110010011001001100000010010001000100000110010011001001100000010$
 $01000100100010000011001001100100110000001001000100100010000011001001100100110000001001000100100010$
 00001100100110010011

2145) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 100001011000001101010100000010000101001000,$$

```
s = 100001011100000110101010000001000010100100010000101110000011010101000000100001010010001000010110  
0000110101010000001000010100100010000101110000011010101000000100001010010001000010111000001101010100  
0000100001010010001000010111000001101010100000010000101001000100001011100000110101010000001000010100  
100010000101110000011010101
```

2146) $n_m = 6, w = 100, L_{min} = 357, n_b = 7, n_d = 22,$

$$b = 110001011000001001010100000010000101001000,$$

```
s = 110001011100000100101010000001000010100100011000101110000010010101000000100001010010001100010110  
0000100101010000001000010100100011000101110000010010101000000100001010010001100010111000001001010100  
0000100001010010001100010111000001001010100000010000101001000110001011100000100101010000001000010100  
100011000101110000010010101
```

2147) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 101001010100100010010101000010100000010000,$$

$s =$ 1010010101001000100101010000101000000100001010010101001000100101010000101000000100001010010101
00100010010101000010100000010000101001010100100010010101000010100000010000101001010100100010010101
00001010000001000010100101010010001001010100001010000001000010100101010010001001010100001010000001
00001010010101001000100101

2148) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 100101010010001001010100001010000001000010,$$

2149) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 100001011010001100010100000010010101000000,$$

```
s = 1000010110100011000101000000100101010000001000010110100011000101000000100101010000001000010110
10001100010100000010010101000000100001011010001100010100000010010101000000100001011010001100010100
00001001010100000010000101101000110001010000001001010100000010000101101000110001010000001001010100
00001000010110100011000101
```

2150) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 111000000100010110001101000001100000010000,$$

```
s = 1110000001000101100011010000011000000100001110000001000101100011010000011000000100001110000001
00010110001101000001100000010000111000000100010110001101000001100000010000111000000100010110001101
00000110000001000011100000010001011000110100000110000001000011100000010001011000110100000110000001
00001110000001000101100011
```

2151) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 100010110001101000001100000010000111000000,$$

```
s = 10001011100011010000011000000100001110000001000101100011010000011000000100001110000001000101100  
011010000001100000010000111000000100010110001101000001100000010000111000000100010110001101000001100  
00001000011100000010001011000110100000110000001000011100000010001011000110100000110000001000011100  
00001000101100011010000011
```

2152) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 100001110000111000010100000110000011000000,$$

```
s = 10000111100001110000101000001100000110000001000011100001110000101000001100000110000001000011100
00111000010100000110000011000000100001110000111000010100000110000011000000100001110000111000010100
000110000001100000010000111000011100001010000011000001100000010000111000011100001010000011000001100
00001000011100001110000101
```

2153) $n_m = 6, w = 100, L_{min} = 357, n_h = 7, n_d = 22,$

$$b = 100001110001001000101100001010000011000000,$$

```
s = 1000011110001001000101110000101000001100000010000111000100100010111000010100000110000001000011100
01001000101110000101000001100000010000111000100100010111000010100000110000001000011100010010001011100
00101000000110000001000011100010010001011100001010000011000000100001110001001000101110000101000001100
00001000011100010010001011
```

[illegible]

2172) $n_m = 6, w = 100, L_{min} = 357, n_b = 7, n_d = 22,$

$$b = 100101011000001100010100100010000101000000,$$

```
s = 100101011000001100010100100010000001001010110000011000101001000100001010000001001010110
00001100010100100010000101000000100101011000001100010100100010000101000000100101011000001100010100
10001000010100000010010101100000110001010010001000010100000010010101100000110001010010001000010100
00001001010110000011000101
```

2173) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 101011000001100010100100010000101000000100,$$

$s = 1010110000011000101001000100001010000001001010110000011000101001000100001010000001001010110000$
 $01100010100100010000101000000100101011000001100010100100010000101000000100101011000001100010100100$
 $01000010100000010010101100000110001010010001000010100000010010101100000110001010010001000010100000$
 $01001010110000011000101001$

2174) $n_m = 6$, $w = 100$, $L_{min} = 357$, $n_b = 7$, $n_d = 22$,

$$b = 101000010000011010101100000010100001000100,$$

$s = 101000010000011010101100000010100001000100101000010000011010101100000010100001000100101000010000110101011000000101000010001001010000100000110101011000000101000010001001010000100000110101011000000101000010001001010000100000110101011000000101000010001001010000100000110101011000000101000010001001010000100000110101011$

2175) $n_m = 6$, $w = 101$, $L_{min} = 358$, $n_b = 7$, $n_d = 23$,

$$b = 110000101000011100001110000001000001100000,$$

```
s = 1100001010000111000011100000010000011000001100001010000111000011100000010000011000001100001010  
00011100001110000001000001100000110000101000011100001110000001000001100000110000101000011100001110  
00000100000110000011000010100001110000111000000100000110000011000010100001110000111000000100000110  
0000110000010100001110000111
```

2176) $n_m = 6$, $w = 101$, $L_{min} = 358$, $n_b = 7$, $n_d = 23$,

$$b = 110000111000010100001110000011000000100000,$$

```
s = 1100001110000101000011100000110000001000001100001110000101000011100000110000001000001100001110  
00010100001110000011000000100000110000111000010100001110000011000000100000110000111000010100001110  
00001100000010000011000011100001010000111000001100000010000011000011100001010000111000001100000010  
000011000011100001010000111
```

2177) $n_m = 6$, $w = 101$, $L_{min} = 358$, $n_b = 7$, $n_d = 23$,

$$b = 110010001010000101100110000001001000100000,$$

$s = 110010001010000101110011000000100100010000011001000101000010110011000000100100010000011001000101000010110011000000100100010000011001000101000010110011000000100100010100001011001100000010010001000001100100010100001011001100000010010001000011001000101000010110011$

2178) $n_m = 6, w = 101, L_{min} = 358, n_b = 7, n_d = 23,$

$$b = 110110001010000100100110000001001000100000,$$

$s = 1101100010100001001001100000010010001000001101100010100001001001100000010010001000001101100010$
 $10000100100110000001001000100000110110001010000100100110000001001000100000110110001010000100100110$
 $000001001000100000011011000101000010010011000000100100010000011011000101000010010011000000100100010$
 $000011011000101000010010011$

2179) $n_m = 6$, $w = 102$, $L_{min} = 364$, $n_b = 7$, $n_d = 29$,

$$b = 110000011000010100001110000111000000100000,$$

```
s = 1100000110000101000011100001110000001000001100000110000101000011100001110000001000001100000110
00010100001110000111000000100000110000011000010100001110000111000000100000110000011000010100001110
00011100000010000011000001100001010000111000011100000010000011000001100001010000111000011100000010
000011000001100001010000111000011
```

2180) $n_m = 6$, $w = 102$, $L_{min} = 364$, $n_h = 7$, $n_d = 29$,

$$b = 10000011100001010100001111000011110000001000001,$$

```
s = 1000001100001010000111000011100000010000011000001100001010000111000011100000010000011000001100
00101000011100001110000001000001100000110000101000011100001110000001000001100000110000101000011100
0011100000001000001100000110000101000011100001110000000100000110000011000010100001110000111000000100
0001100000011000010100001110000111
```


[illegible]

[illegible]

229

[illegible]

237

238

[illegible]

[illegible]

242

[illegible]

248

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

266

267

272

273

2766) $n_m = 6, w = 113, L_{min} = 399, n_b = 8, n_d = 22,$

$$b = 100101010010001001010100001010000001000010,$$

2767) $n_m = 6$, $w = 113$, $L_{min} = 399$, $n_b = 8$, $n_d = 22$,

$$b = 100001011010001100010100000010010101000000,$$

```
s = 1000010110100011000101000000100101010000001000010110100011000101000000100101010000001000010110  
10001100010100000010010101000000100001011010001100010100000010010101000000100001011010001100010100  
00001001010100000010000101101000110001010000001001010100000010000101101000110001010000001001010100  
00001000010110100011000101000000100101010000001000010110100011000101
```

2768) $n_m = 6$, $w = 113$, $L_{min} = 399$, $n_b = 8$, $n_d = 22$,

$$b = 111000000100010110001101000001100000010000,$$

2769) $n_m = 6, w = 113, L_{min} = 399, n_b = 8, n_d = 22,$

$$b = 100010110001101000001100000010000111000000,$$

$s = 10001011100011010000011000000100001110000001000101100011010000011000000100001110000001000101100$
 $01101000001100000010000111000000100010110001101000001100000010000111000000100010110001101000001100$
 $00001000011100000010001011000110100000110000001000011100000010001011000110100000110000001000011100$
 $000010001011000110100000110000001000011100000010001011000110100000110000001000011100$

2770) $n_m = 6$, $w = 113$, $L_{min} = 399$, $n_h = 8$, $n_d = 22$,

$$b = 100001110000111000010100000110000011000000,$$

```
s = 10000111100001110000101000001100000110000001000011100001110000101000001100000110000001000011100  
00111000010100000110000011000000100001110000111000010100000110000011000000100001110000111000010100  
000110000001100000010000111000011100001010000011000001100000010000111000011100001010000011000001100  
000010000111000011100001010000011000001100000010000111000011100001010000011000001100
```

2771) $n_m = 6$, $w = 113$, $L_{min} = 399$, $n_b = 8$, $n_d = 22$,

$$b = 100001110001001000101100001010000011000000,$$

```
s = 1000011100010010001011000010100000110000001000011100010010001011000010100000110000001000011100  
01001000101100001010000011000000100001110001001000101100001010000011000000100001110001001000101100  
001010000001100000010000111000100100010110000101000001100000010000111000100100010110000101000001100  
000010000011100010010001011000010100000110000001000011100010010001011
```

2772) $n_m = 6$, $w = 113$, $L_{min} = 399$, $n_b = 8$, $n_d = 22$,

$$b = 111000100100010110000101000001100000010000,$$

2773) $n_m = 6, w = 113, L_{min} = 399, n_b = 8, n_d = 22,$

$$b = 100110000011001001100100100000010001001000,$$

`s = 1001100000110010011001001000000100010010001001100000110010011001001000000100010010001001100000
11001001100100100000010001001000100110000011001001100100100000010001001000100110000011001001100100
10000001000100100010011000001100100110010010000001000100100010011000001100100110010010000001000100
100010011000000110010011001001000000100010010001001100000110010011001`

2774) $n_m = 6$, $w = 113$, $L_{min} = 399$, $n_b = 8$, $n_d = 22$.

$b = 11000000110010011001001000000010001001000100,$

```

s = 1100000110010011001001000000100010010001001100000110010011001001000000100010010001001100000110
01001100100100000010001001000100110000011001001100100100000010001001000100110000011001001100100100
00001000100100010011000001100100110010010000001000100100010011000001100100110010010000001000100100
010011000000110010011001001000000100010010001001100000110010011001001

```


- 2793) $n_m = 6, w = 114, L_{min} = 400, n_b = 8, n_d = 23,$
 $b = 110000101000011100001110000001000001100000,$
 $s = 1100001010000111000011100000010000011000001010000111000011100000010000011000001100001010$
 $0001110000111000000100000110000011000010100001110000111000000100000110000101000011100001110$
 $00000100000110000011000010100001110000111000000100000110000011000010100001110000111000000100000110$
 $000011000010100001110000111000000100000110000011000010100001110000111000000100000110$
- 2794) $n_m = 6, w = 114, L_{min} = 400, n_b = 8, n_d = 23,$
 $b = 110000111000010100001110000011000000100000,$
 $s = 1100001110000101000011100000110000001000001100001110000101000011100000110000001000001100001110$
 $00010100001110000011000000100000110000111000010100001110000011000000100000110000111000010100001110$
 $00001100000010000011000011100001010000111000001100000010000011000011100001010000111000001100000010$
 $000011000011100001010000111000001100000010000011000011100001010000111000001100000010$
- 2795) $n_m = 6, w = 114, L_{min} = 400, n_b = 8, n_d = 23,$
 $b = 110010001010000101100110000001001000100000,$
 $s = 1100100010100001011001100000010010001000001100100010100001011001100000010010001000001100100010$
 $10000101100110000001001000100000110010001010000101100110000001001000100000110010001010000101100110$
 $00000100100010000011001000101000010110011000000100100010000011001000101000010110011000000100100010$
 $000011001000101000010110011000000100100010000011001000101000010110011000000100100010110011$
- 2796) $n_m = 6, w = 114, L_{min} = 400, n_b = 8, n_d = 23,$
 $b = 110110001010000100100110000001001000100000,$
 $s = 1101100010100001001001100000010010001000001101100010100001001001100000010010001000001101100010$
 $10000100100110000001001000100000110110001010000100100110000001001000100000110110001010000100100110$
 $00000100100010000011011000101000010010011000000100100010000011011000101000010010011000000100100010$
 $00001101100010100001001001100000010010001000001101100010100001001001100000010010001010011$