```
strutture dati successful succes
                                                bitvector
bitvector
B
                                                B[i] \in \{0, 1\}, \ \forall i 0 \le i < n
B[i] \in \{
(2)
random
dess
Succinct
Data
Structure
Li-
brary
(SDSL)
?
bitvector
fun-
zione
rank
fun-
zione
lect
                                                B[i] \in \{\bot, \top\}, \ \forall \, i0 \leq i < n
                                         C(x) bitvector C(x) bitvector C(x) bitvector C(x) bitvector C(x) C(x) C(x) C(x) block C(x) C(x
                                                                                                                                                                                                                                                                                                                                                                                                     Spazio occupato
64\left\lceil \frac{n}{64} + 1\right\rceil
\approx n\left(1 + \frac{64}{K}\right)
r \approx \left\lceil \log nm \right\rceil
                                                                                                                                                         Variante
                                                                                                                       Plain\ bitvector
                                                                             Interleaved\ bit vector
                                                   H_0-compressed bitvector
                                                                                                                                                                                                                                                                                                                                                                                                                 \approx m \left(2 + \log \frac{n}{m}\right)
                                                                                                           Sparse\ bitvector
                                              fun-
zione
rank
rango
                                              bitvec-
tor
fun-
zione
rank
                                              rank_B(i) = \sum_{k=0}^{k < i} B[k], \ \forall i 0 \le i < n
            (3)
                                                O(n)
O(1)
                                                fun-
                                                zione
rank
bitvec-
tor
SDSL
fun-
                                                zione
rank
bitvec-
tor
```