

S	5	0	6	3
$\pi$	3	1	4	2

Creare Coppie

$\langle i, \pi[i] \rangle$

↳ posizione di  $S[\pi[i]]$

$\langle 4, 3 \rangle$  Sort on  $\pi$

$\langle 3, 1 \rangle$

$\langle 2, 4 \rangle$

$\langle 1, 2 \rangle$   $\pi[i] = S[\pi[i]]$

$\langle 3, 5 \rangle$

$\langle 1, \emptyset \rangle$  Sort on  $i$

$\langle 4, 6 \rangle$

$\langle 2, 3 \rangle$

$\langle 1, \emptyset \rangle$

$\langle 2, 3 \rangle$

$\langle 3, 5 \rangle$

$\langle 4, 6 \rangle$

alla fine  $\rightarrow$ 

$\emptyset$	3	5	6
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Costo: I/O  $\rightarrow O\left(\frac{n}{B} \lg_{\frac{n}{B}} \frac{n}{B}\right)$