

Normal metal (N)

Superconductor (S)

Andreev reflection:  $e^- \rightarrow h^+ + 2e^-$

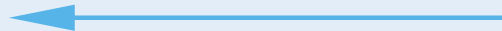
incoming electron  $e^-$



$2e^-$  (Cooper pair)



reflected hole  $h^+$



Interface