DFS

G 5 5, RIPERE Y V NON ESPERSO d() = DISCUER F() = FINAL €= 0 (IV) + IEI) DPS (6) DF5-VISIT (W) WL (W) = G INIT OL = W, Y = NIL d(W) = ++ time time = 0 FOREACH JE AD; (W) FOREALH WEV 18 60 (5) = W IF WL (W) = W Y(5) = W DF5 - VISIT (N) DES-VISIT (U) (or (m) = B F(W) = ++ time

CLASSIFICAZIONE ARCHI

GOPIENTATO

•
$$COL(T) = W \rightarrow (W, V)$$
 ARCO TREE
• $COL(V) = G \rightarrow (W, V)$ ARCO ALL' INDIETRO ($\exists c_{ICLO}$) $V \rightarrow \rightarrow W$
• $COL(U) = B$ A $d(W) < d(U) \rightarrow ARCO IN AVANTI $W \rightarrow \rightarrow V$
• $COL(U) = B$ A $d(W) > d(V) \rightarrow ARCO CROSSING $W \rightarrow V$$$

G NON ONENTATO