

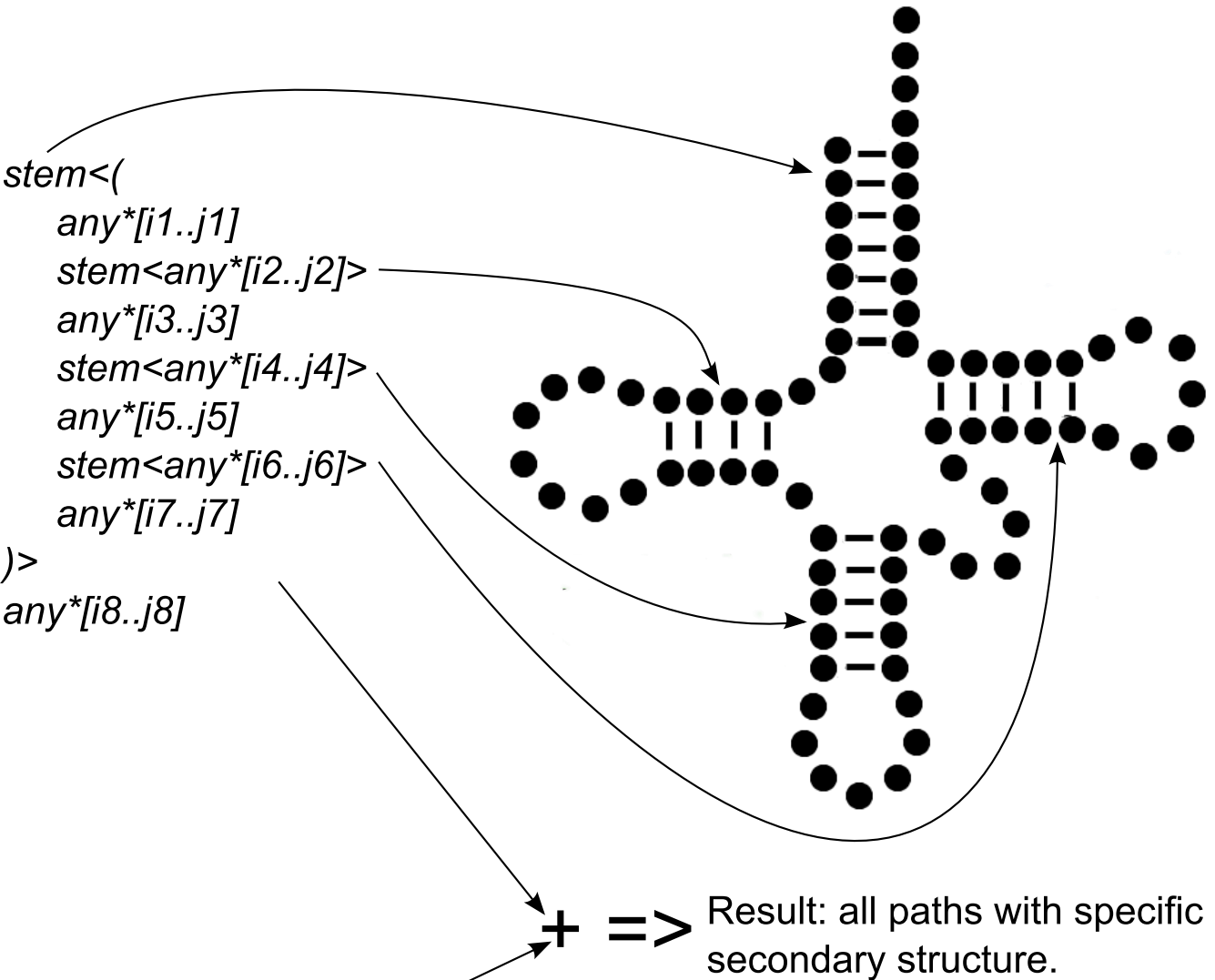
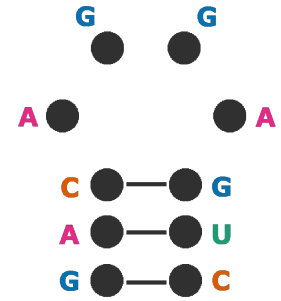
Context-free grammar
for stem:

$stem<s> \rightarrow$

$A \text{ stem}<s> U$
 $| U \text{ stem}<s> A$
 $| G \text{ stem}<s> C$
 $| C \text{ stem}<s> G$
 $| s$

Arbitrary string with
limited length: $any*[i..j]$,
where i is a lower bound
of length and j is a upper
bound.

$stem<A \ G \ G \ A>$



Metagenomic assembly is a directed graph:

