

$S \rightarrow NP VP$
 $NP \rightarrow art\ n$
 $NP \rightarrow art\ adj\ n$
 $VP \rightarrow v\ NP$

① The ① old ② man ③ the ④

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ART1


 $NP \rightarrow ART \cdot N$


 $NP \rightarrow ART \cdot ADJ\ N$

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ART1



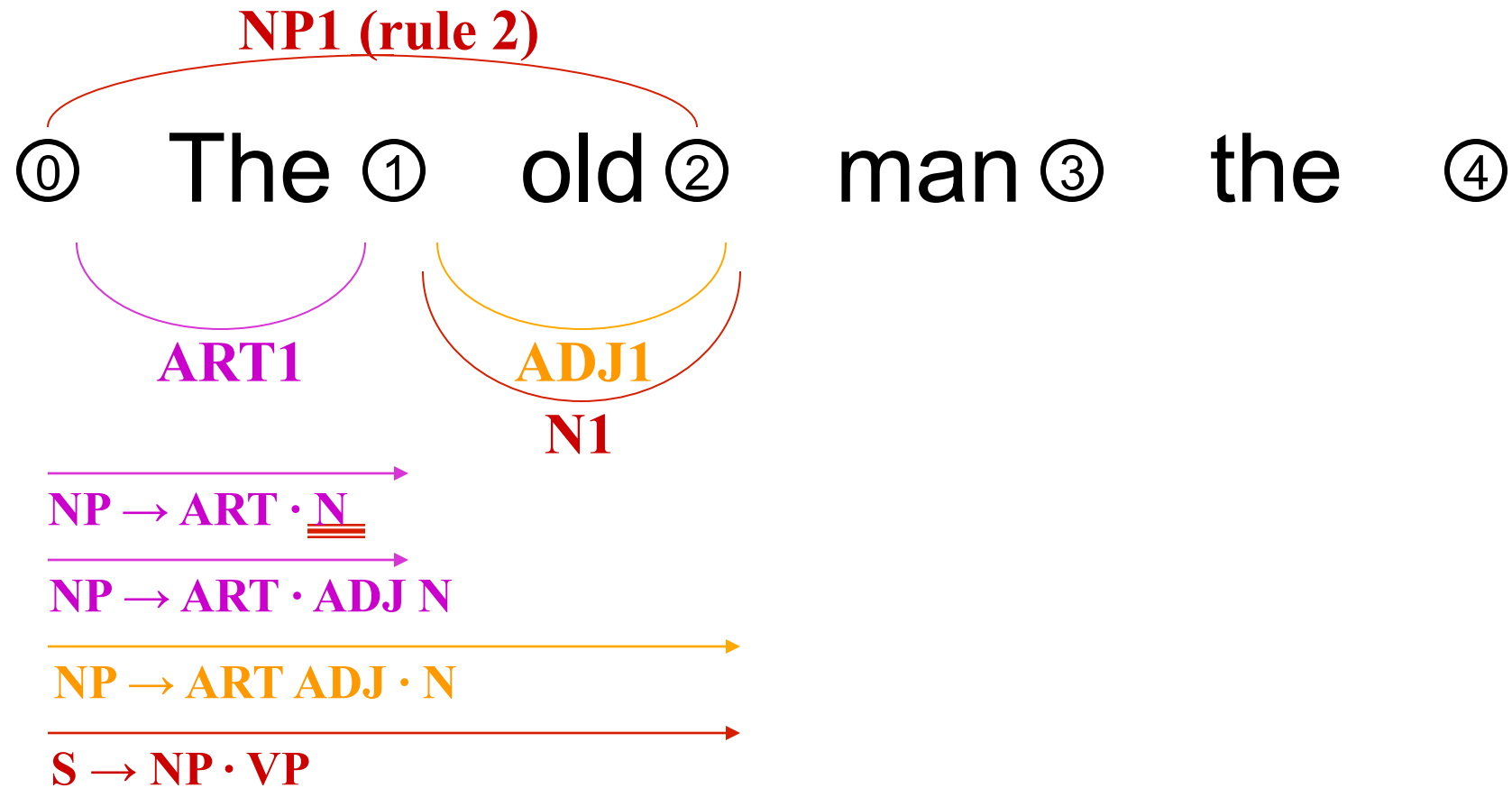
ADJ1

$NP \rightarrow ART \cdot N$

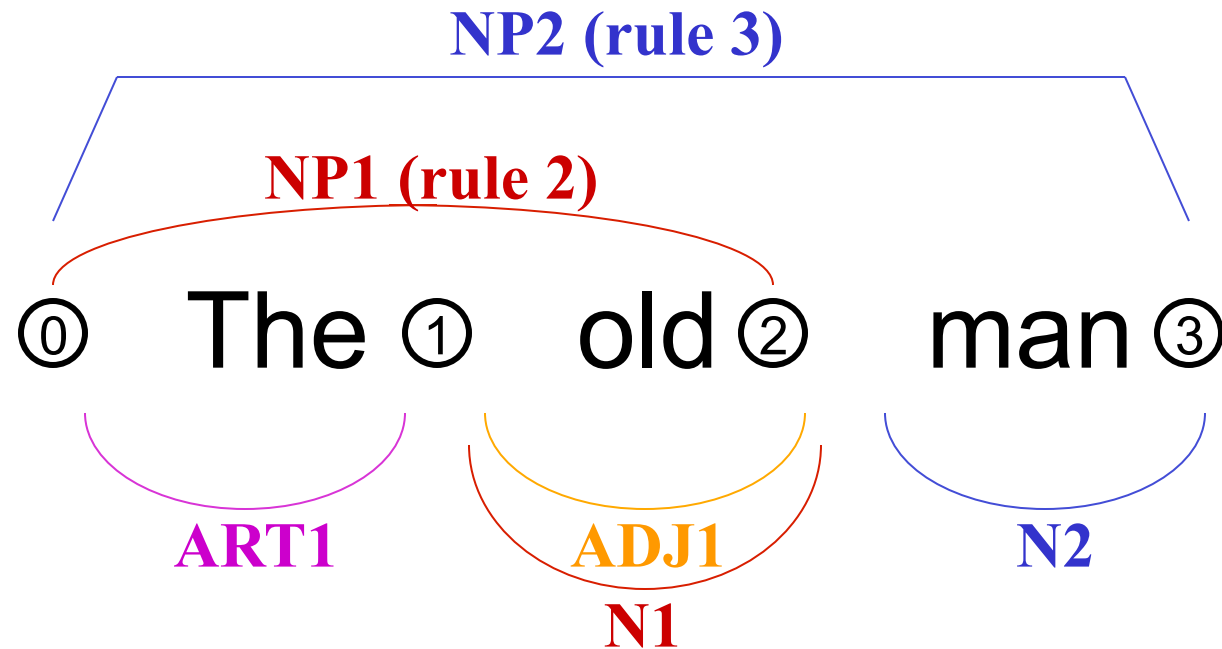
$NP \rightarrow ART \cdot ADJ\ N$

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$NP \rightarrow ART \cdot N$

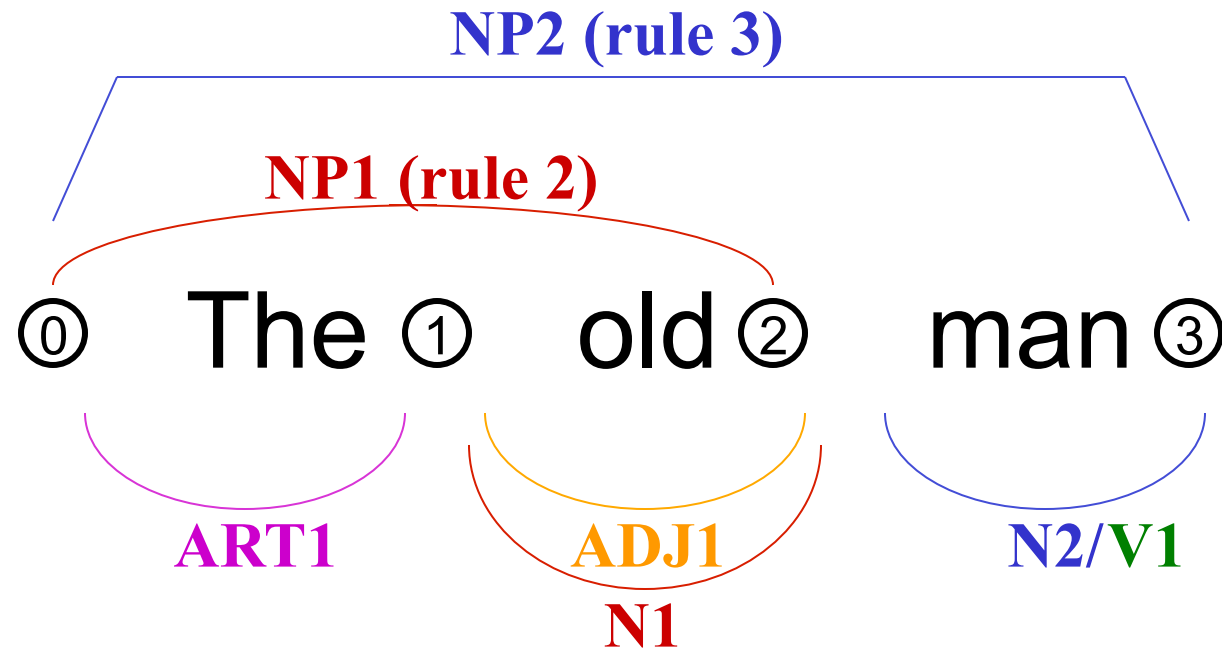
$NP \rightarrow ART \cdot ADJ\ N$

$NP \rightarrow ART\ ADJ \cdot \underline{N}$

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$NP \rightarrow ART \cdot N$

$NP \rightarrow ART \cdot ADJ N$

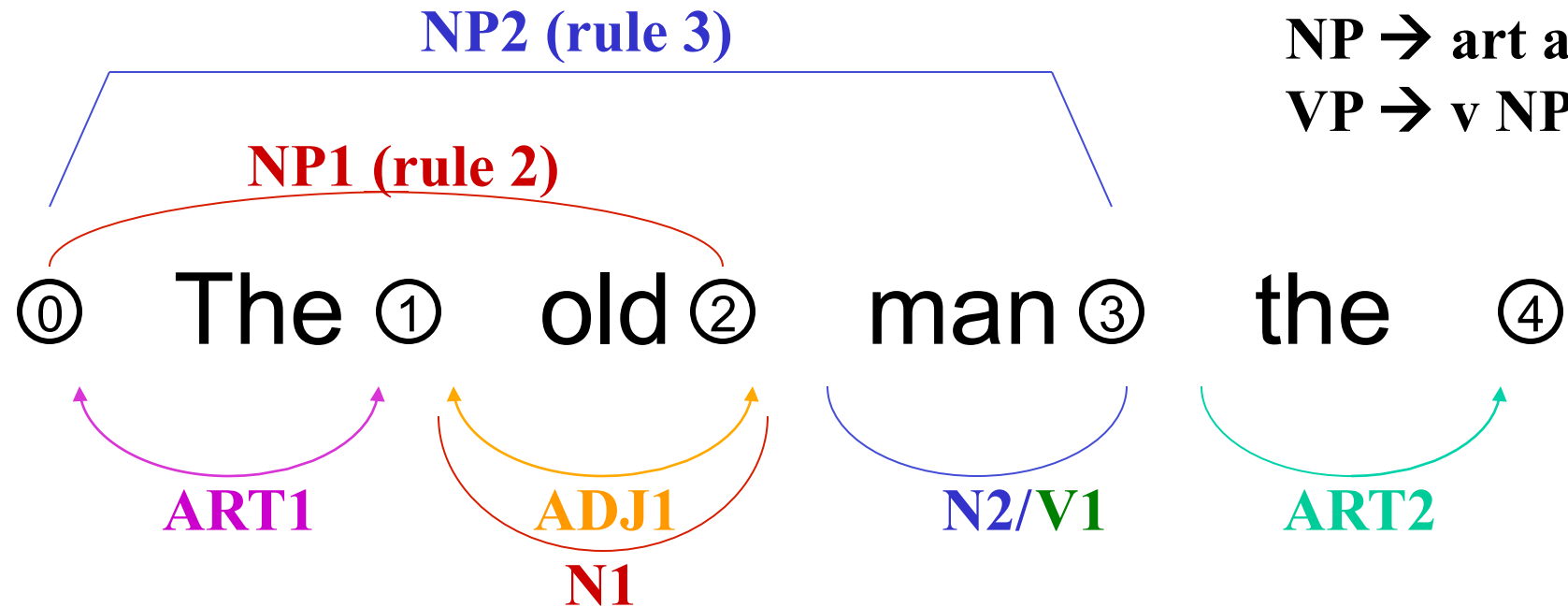
$NP \rightarrow ART ADJ \cdot N$

$S \rightarrow NP \cdot VP$

$VP \rightarrow V \cdot NP$

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$NP \rightarrow ART \cdot ADJ N$

$NP \rightarrow ART ADJ \cdot N$

$S \rightarrow NP \cdot VP$

$VP \rightarrow V \cdot NP$

$S \rightarrow NP \cdot VP$

...finish...