

Quiz 12 Solution

Quiz 12 Solution

3

0

S -> · A, eof

A -> · A & B, eof

A -> · A | B, eof

A -> · B, eof

A -> · A & B, &

A -> · A | B, &

A -> · B, &

A -> · A & B, |

A -> · A | B, |

A -> · B, |

B -> · true, eof

B -> · false, eof

B -> · true, &

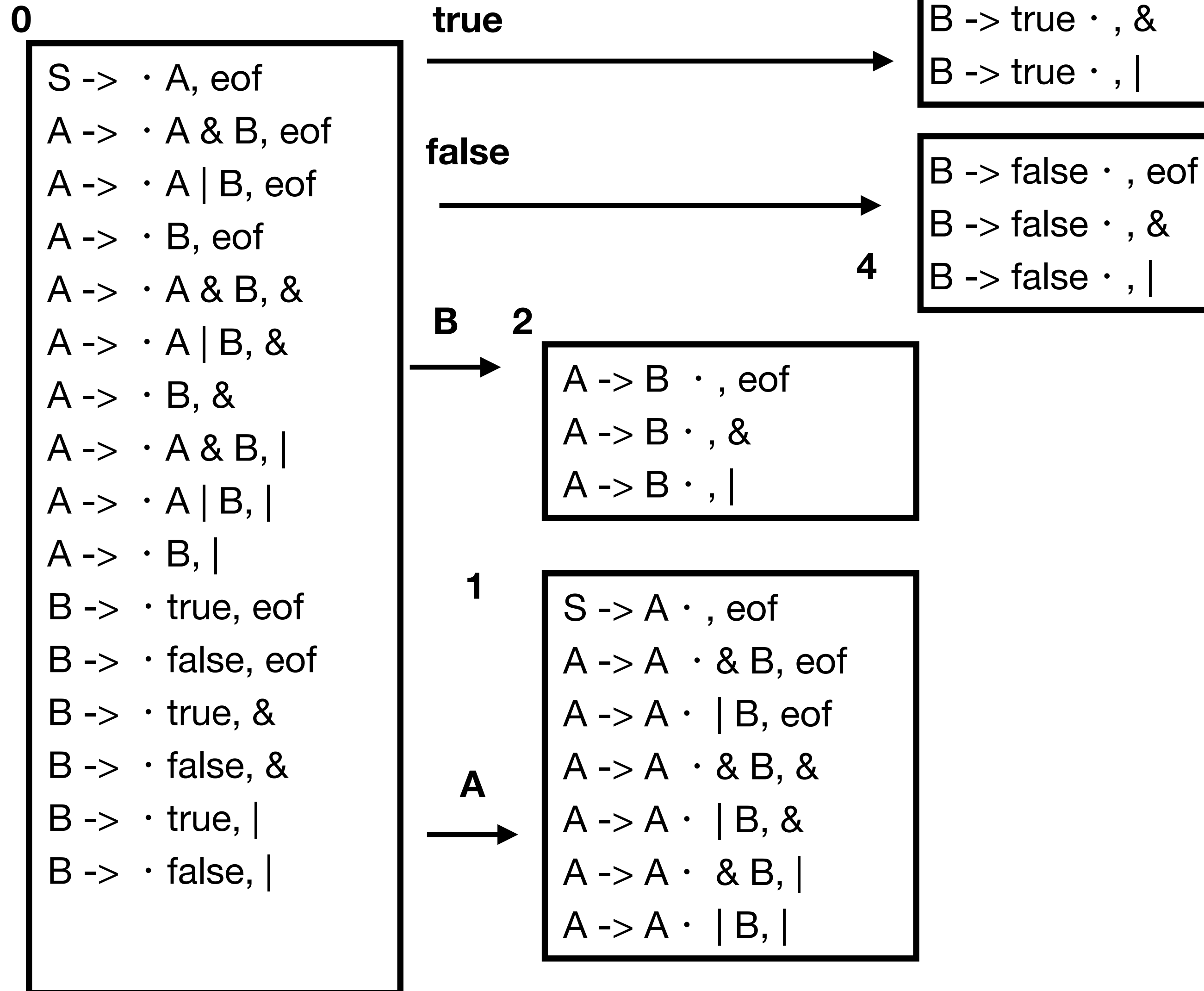
B -> · false, &

B -> · true, |

B -> · false, |

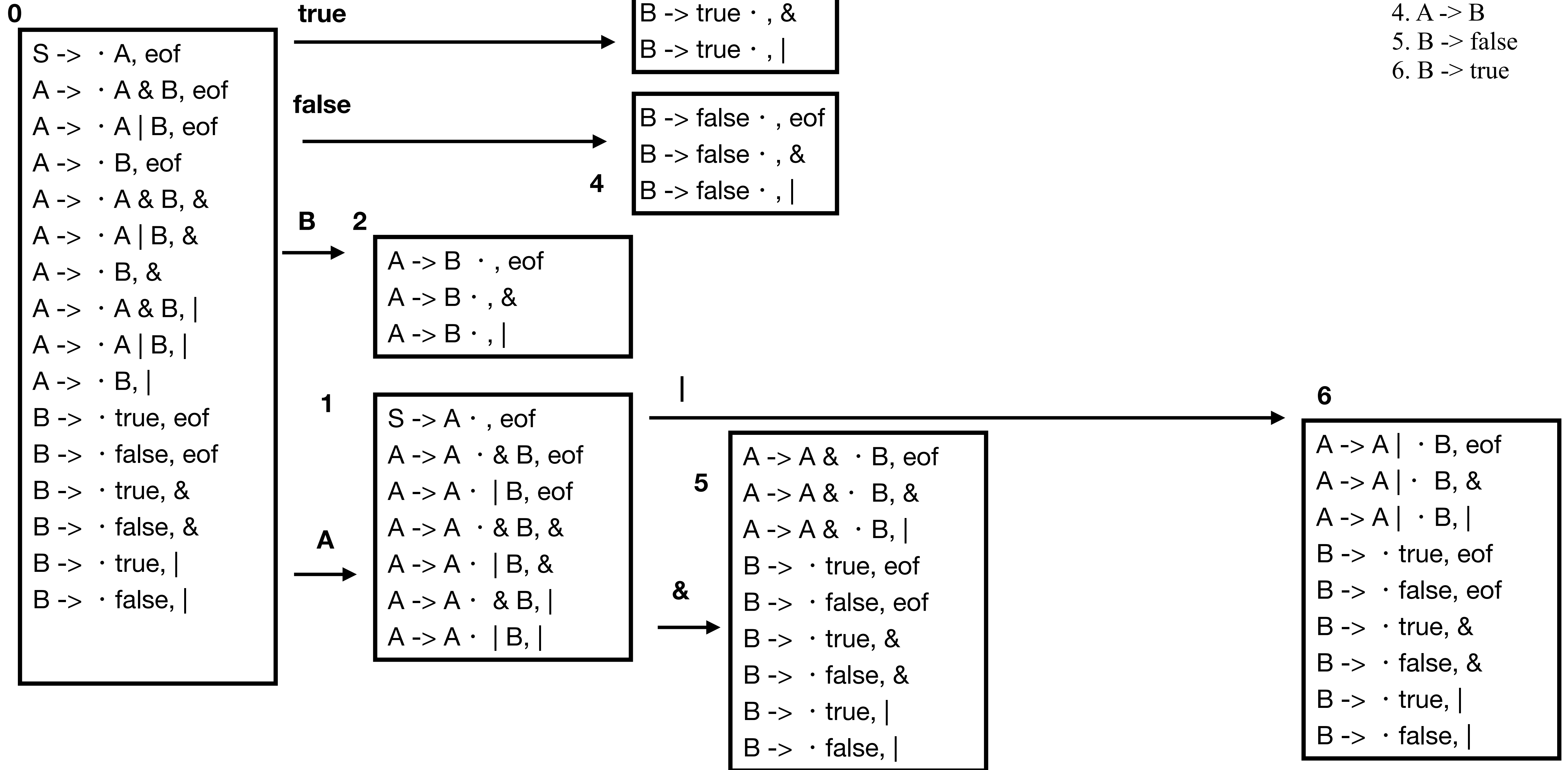
1. S -> A
2. A -> A & B
3. A -> A | B
4. A -> B
5. B -> false
6. B -> true

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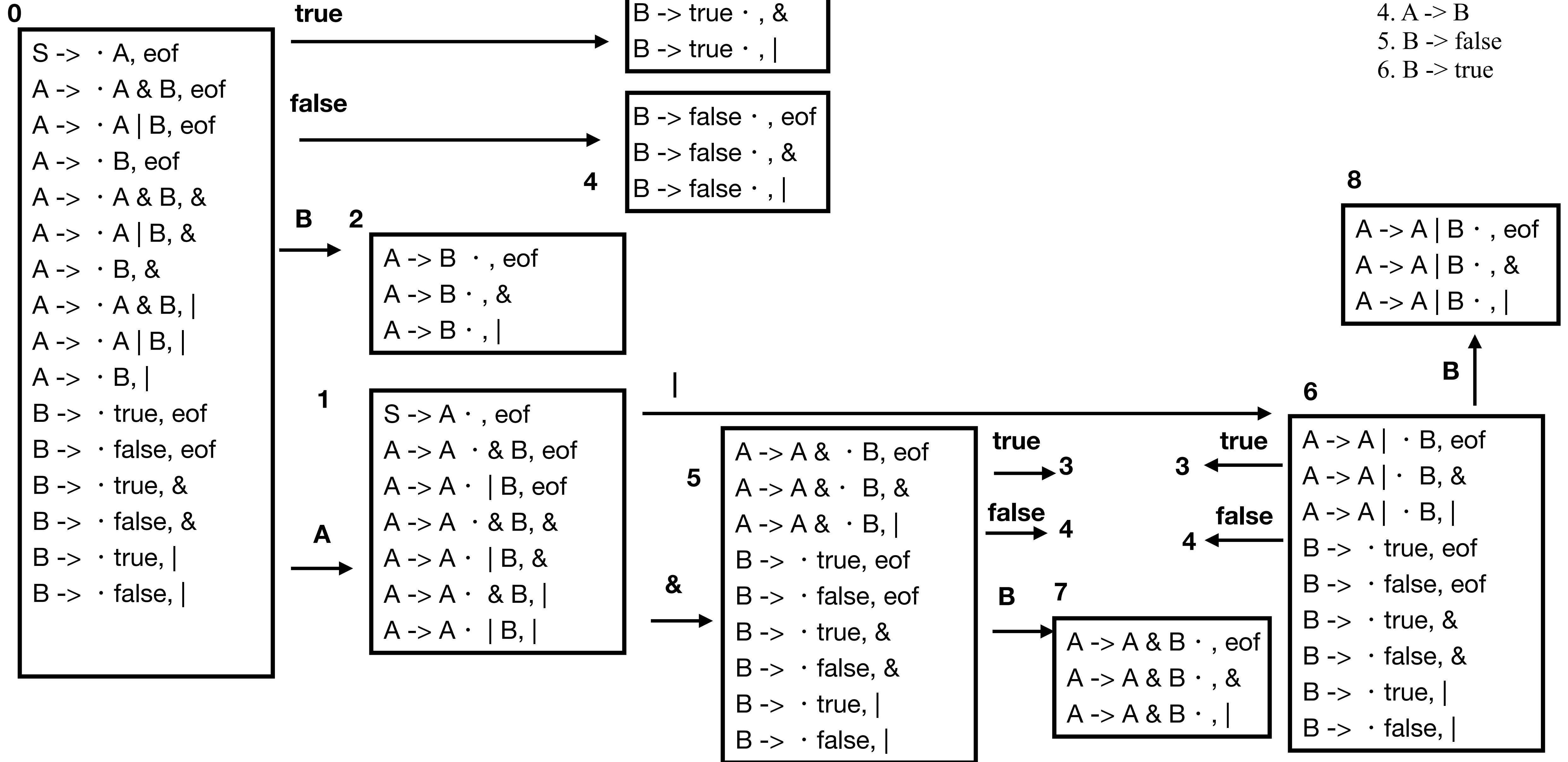


1. S -> A
2. A -> A & B
3. A -> A | B
4. A -> B
5. B -> false
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1. $S \rightarrow A$
2. $A \rightarrow A \& B$
3. $A \rightarrow A | B$
4. $A \rightarrow B$
5. $B \rightarrow \text{false}$
6. $B \rightarrow \text{true}$

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1. $S \rightarrow A$
2. $A \rightarrow A \& B$
3. $A \rightarrow A | B$
4. $A \rightarrow B$
5. $B \rightarrow \text{false}$
6. $B \rightarrow \text{true}$

State	Action Table				Goto Table		
	<i>eof</i>	<i>&</i>	<i> </i>	<i>true</i>	<i>false</i>	<i>A</i>	<i>B</i>
0				s 3	s 4	1	2
1	acc	s 5	s 6				
2	r4	r4	r4				
3	r6	r6	r6				
4	r5	r5	r5				
5				s 3	s 4		7
6				s 3	s 4		8
7	r2	r2	r2				
8	r3	r3	r3				