```
Step 1)
S \rightarrow \{(f(A, g(B, C, h(D))), f(g(C, B, C), A))\}\
pick pair (f(A,g(B,C,h(D))),f(g(C,B,C),A))
Decompose:(A,g(B,C,h(D))),(g(C,B,C),A)
S \to \{(A, g(B, C, h(D))), (g(C, B, C), A)\}
Step 2)
pick pair (A,g(B,C,h(D)))
Substitute: \{A \mid \to g(B, C, h(D))\}
S \rightarrow \{(g(C, B, C), g(B, C, h(D))\}\
with\{A| \to g(B, C, h(D))\}
Step 3)
pick pair:(g(C,B,C),g(B,C,h(D)))
Decompose: \{(C, B), (B, C), (C, h(D))\}
S \to \{(C, B), (B, C), (C, h(D))\}\
with\{A| \rightarrow q(B, C, h(D))\}
Step 4)
pick pair: (C,h(D))
Eliminate: (C,h(D))
S \rightarrow \{(C, B), (B, C)\}
with \{A \mid \to \{C \mid \to h(D)\} \ (g, B, C, h(D))\} \circ \{C \mid \to h(D)\}
Step 5)
pick pair: (B,C)
Substitute \{B| \to C\}
S \rightarrow \{(C,C)\}
with \{A \mid \to \{C \mid \to \{B \mid \to C\} \ (h(D)) \} \ (g(B, C, h(D))) \} \circ \{C \mid \to h(D)\} \circ \{B \mid \to C\}
Step 6)
pick pair:(C,C)
Delete..
S \rightarrow \{\}
f(A,g(B,C,h(D)))=f(g(C,B,C),A) Solved with
\{A| \rightarrow \{C| \rightarrow \{B| \rightarrow C\} \, (h(D)) \, (g(B,C,h(D))) \, \circ \, \{C| \rightarrow h(D)\} \, \circ \, \{B| \rightarrow C\}
```