

do-apply-compose^{11,40}

$\forall A, B, C:\text{Type}, g:(A \rightarrow (B + \text{Top})), f:(A \rightarrow B \rightarrow C), x:A.$

$(\uparrow \text{can-apply}(f \text{ o' } g;x)) \Rightarrow (\text{do-apply}(f \text{ o' } g;x) \sim (f(x, \text{do-apply}(g;x))))$

ProofTree