序号	公式	规则
(1)	$q \to (p \to q)$	L1
(2)	$p \to (q \to r)$	假定
(3)	$(p \to (q \to r)) \to (q \to (p \to (q \to r)))$	L1
(4)	$q \to (p \to (q \to r))$	(2), (3), MP
(5)	$(p \to (q \to r)) \to ((p \to q) \to (p \to r))$	L2
(6)	$((p \to (q \to r)) \to ((p \to q) \to (p \to r))) \to (q \to ((p \to (q \to r)) \to ((p \to q) \to (p \to r))))$	L1
(7)	$q \to ((p \to (q \to r)) \to ((p \to q) \to (p \to r)))$	(5), (6), MP
(8)	$(q \to ((p \to (q \to r)) \to ((p \to q) \to (p \to r)))) \to ((q \to (p \to (q \to r))) \to (q \to ((p \to q) \to (p \to r))))$	L2
(9)	$(q \to (p \to (q \to r))) \to (q \to ((p \to q) \to (p \to r)))$	(7), (8), MP
(10)	$q \to ((p \to q) \to (p \to r))$	(4), (9), MP
(11)	$(q \to ((p \to q) \to (p \to r))) \to ((q \to (p \to q)) \to (q \to (p \to r)))$	L2
(12)	$(q \to (p \to q)) \to (q \to (p \to r))$	(10), (11), MP
(13)	$q \to (p \to r)$	(1), (12), MP