Brian Chau

1. incr 2 = (xz. xf, xy. f(zfy))(xf. xy. f(sy))

→_B (xs. xy. f(xs. xy. f(sy)) Sy) [z→xs. xy. f(sy)]

√(xz. xs. xy. s(zfy))

= (xs. xy. f(xt. xy. t(ty)) fy)

= (xs. xy. f(xt. xj. t(ty)) fy)

→_B (xs. xy. f(xt. xj. t(tj)) [t→s] (xt. xj. t(tj))

→_B (xs. xy. f(scsy)) [t→y] (xj. f(sj))

→_B (xs. xy. f(scsy)) [j→y] (xj. f(sj))

inco 2 = 25, 24.8(8(54)) = 3

20(((\lambda x. \lambda y. \lambda z. \lambda ((\lambda x. \lambda y. \lambda z. \lambda ((\lambda x. \lambda y. \lambda z. \lambda ((\lambda u. \lambda v. \lambda y) \rangle \rangle (\lambda y. \lambda z. \lambda ((\lambda u. \lambda v. \lambda y) \rangle \rangle ((\lambda u. \lambda v. \lambda) \rangle \rangle ((\lambda u. \lambda v. \lambda) \rangle \rangle ((\lambda u. \lambda v. \lambda) \rangle \rangle (\lambda v. \lambda) \rangle \rangle \rangle (\lambda v. \rangle a) \rangle \r

b. (((\lambda x. \lambda y. \lambda z ((\lambda y. \lambda y. \lambda z ((\lambda y. \lambda z)) \rangle \rangle ((\lambda y. \lambda z) \rangle ((\lambda y. \lambda z)) \rangle \rangle ((\lambda y. \lambda z) \rangle ((\lambda y. \lambda y. \lambda y)) \rangle \rangle ((\lambda y. \lambda y. \lambda y)) \rangle \rangle ((\lambda y. \lambda y)) \rangle \rangle ((\lambda y. \lambda y)) \rangle \rangle (\lambda y. \lambda y) \rangle \ra