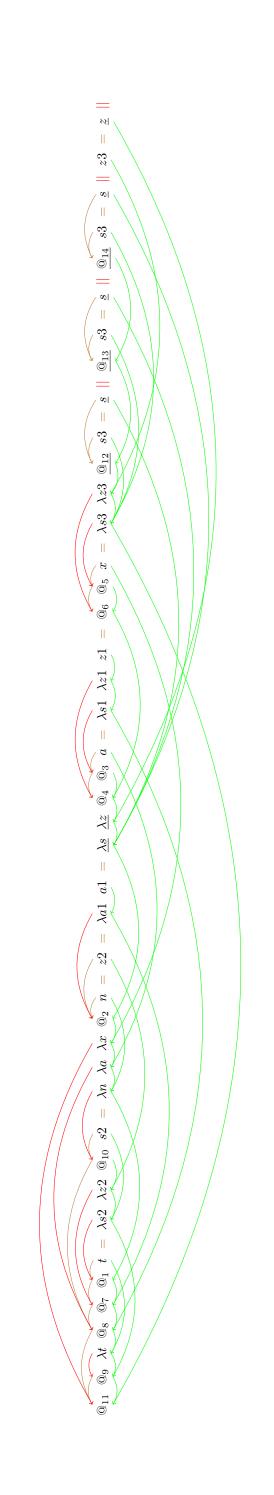


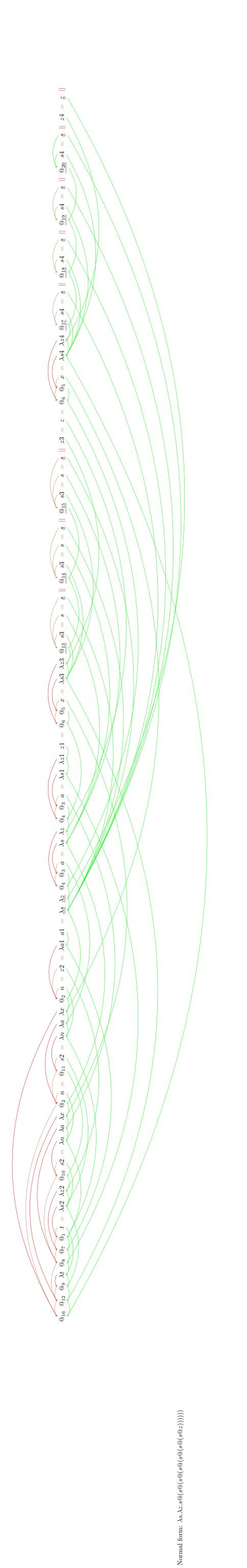
Normal form: $\lambda s1.\lambda z1.z1$

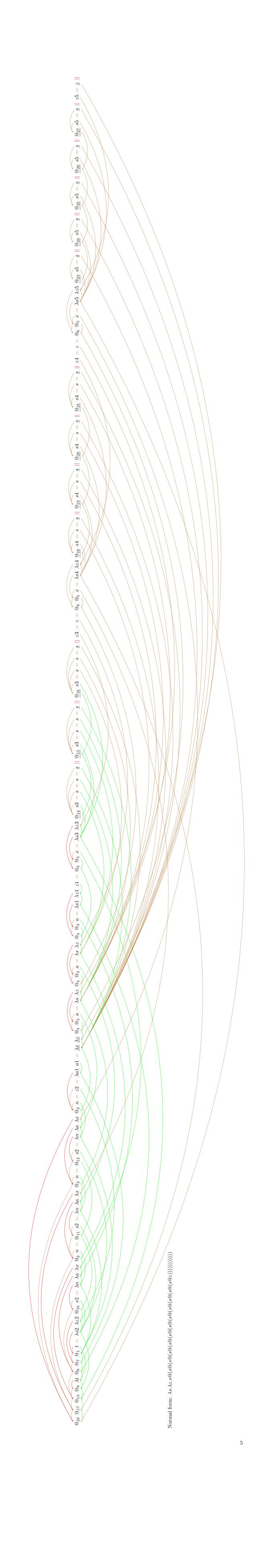
Example p zero Input term: $(\lambda t.(((t@_1(\lambda n.\lambda a.\lambda x.n@_2(\lambda s.\lambda z.(a@_3s)@_4((x@_5s)@_6z)))))@_7(\lambda a1.a1))@_8(\lambda s1.\lambda z1.z1)))@_9(\lambda s2.\lambda z2.z2)$



Example p one three Input term: $((\lambda t.(((t@_1(\lambda n.\lambda a.\lambda x.n@_2(\lambda s.\lambda z.(a@_3s)@_4((x@_5s)@_6z)))))@_7(\lambda a1.a1))@_8(\lambda s1.\lambda z1.z1)))@_9(\lambda s2.\lambda z2.s2@_{10}z2))@_{11}(\lambda s3.\lambda z3.s3@_{12}(s3@_{13}(s3@_{14}z3)))$

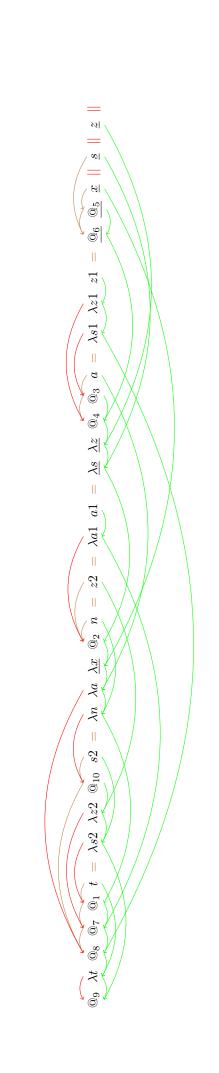
Normal form: $\lambda s.\lambda z.s@(s@(s@z))$





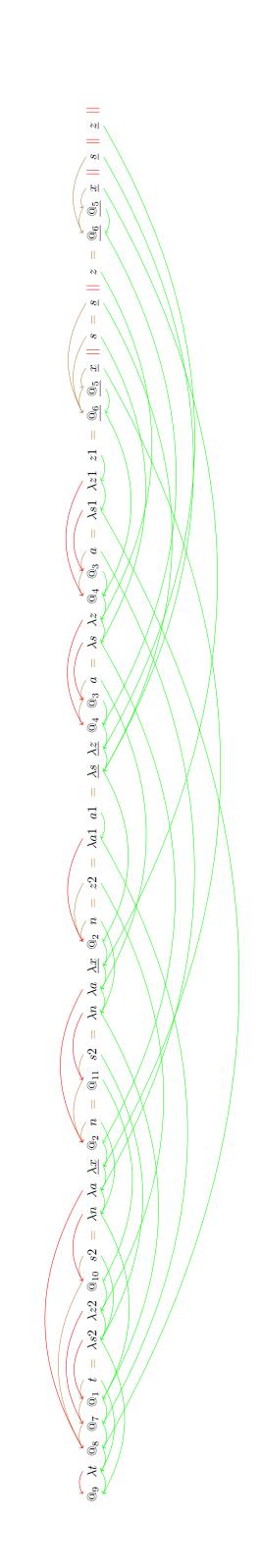
 $Input term: \ ((((\lambda t.(((\lambda t.((\lambda t.((\lambda t.((\lambda t.\lambda x.\lambda x.(a@_3s)@_4((x@_5s)@_5z))))@_7(\lambda s.\lambda z.(a@_3s)@_4((x@_5s)@_5z))))@_7(\lambda s.\lambda z.\lambda z.z.s2@_{10}(s2@_{11}(s2@_{12}z2))))@_{13}(\lambda s.\lambda z.\lambda z.3.s3@_{14}(s3@_{15}(s3)))))))))))))))))))))))))$

Example p three three four five



Normal form: $\lambda x.\lambda s.\lambda z.(x@s)@z$

Example p one Input term: $(\lambda t.(((t@_1(\lambda n.\lambda a.\lambda x.n@_2(\lambda s.\lambda z.(a@_3s)@_4((x@_5s)@_6z)))))@_7(\lambda a1.a1))@_8(\lambda s1.\lambda z1.z1)))@_9(\lambda s2.\lambda z2.s2@_{10}z2)$



Normal form: $\lambda x.\lambda x.\lambda s.\lambda z.(x@s)@((x@s)@z)$

Example p two Input term: $(\lambda t.(((t@_1(\lambda n.\lambda a.\lambda x.n@_2(\lambda s.\lambda z.(a@_3s)@_4((x@_5s)@_6z)))))@_7(\lambda a1.a1))@_8(\lambda s1.\lambda z1.z1)))@_9(\lambda s2.\lambda z2.s2@_{10}(s2@_{11}z2))$