

$T(\phi, a)$ in SMALLPRESENT-8 with all zero key upto 4 rounds

For all ϕ_1, ϕ_2 if $|\phi_1| = |\phi_2|$ then $\phi_1 = \phi_2$

For all ϕ_1, ϕ_2 if $|\phi_1| < |\phi_2|$ then $\phi_1 \subset \phi_2$

The dark gray portion is 1 standard deviation around mean of $T(\phi, a)$

The light gray portion is 2 standard deviation around mean of $T(\phi, a)$

$T(\phi, a)$

