LIST OF PUBLICATIONS

The following papers have been produced under this thesis:

1. "Gravity-induced large grand-unification mass in SU(5) with higher-dimensional operators."

2. "Spontaneous compactification effects, low-energy signature of quark-lepton unification, and small neutrino masses in SO(10)."

3. "Spontaneous compactification effects in SO(10) with low-mass $W^+_R$-gauge bosons without observable parity restoration".

4. "Spontaneous compactification effects on SO(10) grand unification with SU(2)\textsubscript{L} x SU(2)\textsubscript{R} x SU(4) \textsubscript{C} intermediate symmetry"

5. "Models with natural seesaw mechanism for neutrino masses with identical parity-and SU(2)\textsubscript{R} -breaking scales."