

① Ashley White Thesis - Conjugacy & other results in Leibniz algs

1.3 Overview

ch 2 * maximal subalgebras generalizing Towers' Lie alg result
 pp 6-13 [23] Towers, D.A. J Pure & Applied Alg 2012 216 688-693

ch 3 * Cartan subalgs are conjugate
 pp 14-23

ch 4 * Leib algs minimally not in a class
 pp 24-32

② On some minimal Leibniz algebras 16 pp

* Th 1.1 singly generated algebras

* Th 1.2 Leib algs whose proper subalgs are all Lie

③ split 3-Leibniz algebras 12 pp

Root systems

NOT RECOMMENDED

(2')

(4.3) Omirov ET AL Alg RepTh 2013 (= [9] = [53] in Pakhman survey, 13 pp)

* $\begin{cases} \text{Th 3.4} \\ \text{Th 3.5} \end{cases}$ L structure of n -dim'l simple Lie algs $\mathfrak{g}_I \simeq \mathfrak{sl}_2$

(5)

On derivations of SS Leibniz algs

* $\begin{cases} \text{Th 3.2} & \text{Deriv. on } \underline{\text{Simple complex Leibniz algs}} \\ \text{Th 3.4} & \text{also} \end{cases}$

Th 3.5 Derivation on SS Leib alg

From ArXiv.org

(6)

SS Leib. algs another derivations & automorphisms
13 pp

* Th 3.5 Structure of SS Leibniz algs

* Th 4.5 Der of SS Leib. algs

* Th 5.7 Auto of SS Leib algs

(7) local & 2-local der and automorphs on simple Leib algs
28 pp

* Th 3.1 2-local der is deriv. on simple complex Leib algs

* Th 3.7 2 local der which is not a deriv.

* Th 4.1 local der is deriv simple complex Leib algs

* Th 4.4 local der whn is not a deriv.

* Th 6.6 2 local auto is automorph complex simple Leib

* Th 6.8 2 local auto, which is not an auto

* Th 6.9 local auto $\mathbb{C}$ -simple Leib.

(8) ternary Leibniz color algebras 18 pp

NOT RECOMMENDED

(9) On nilpotency in Leib. alg 11 pp

NOT RECOMMENDED

(10) minimal linear reps 10 pp

NOT RECOMMENDED