Contributions to graded-commutative nonassociative algebras
ERRATUM OF THE PRINTING VERSION

April 21, 2015 – Marie Kreusch

This list of mistakes does not pretend to be exhaustive, it only contains the mistakes I have spotted until now.

- Page 11, Example 1.1(a), last line, "the algebra of quaternion numbers."
- Page 25, paragraph 4, line 1, "Section 2.3 is a comparison ..."
- Page 38, Proof of Lemma 2.8, it would be better to use the notation φ for the isomorphism rather than ϕ because this notation is already used in Chapter 1.
- Page 45, paragraph 3, line -1, "Complement A is linked..."
- Page 53, Remark 3.2, last line, "..., Equations (3.1) and (3.2)."
- Page 56, Remark 3.3, last line, "..., Equation (3.3)."
- Page 58, Remark 3.4, last line, "..., Equations (A.19) and (A.24)."

- Page 75, Section 4.2.1, paragraph 2, line 2, "... the *Lie superbracket* and denoted by $[,]$, is such that..."
- Page 75, Section 4.2.1, last paragraphe, line 1, "Given an associative superalgebra $\mathcal{A}$, we can define a Lie superalgebra $\mathcal{L}_{\mathcal{A}}$."
- Page 77, Definition 4.3, line 2, "... is the vector superspace..."
- Page 81, Remark 4.1, bullet 2, line 2, "The identities of Jordan superalgebra are quadratic and one has to find the right sequence of transformations to pass from the axioms of a Lie antialgebra to the axioms of a Jordan superalgebra."
- Page 81, Remark 4.1, bullet 2, line 4, "Recall that a *Jordan superalgebra* is..."
- Page 81, Example 4.7, last line, "..., as a subalgebra of $\mathcal{AK}(1)$ is isomorphic to $\mathcal{K}_3$."
- Page 90, last paragraph, line 1, "For every smooth closed differentiable curve $\mathcal{C}$,..."
- Page 91, Definition 5.1, it should be : Let $\mathfrak{g} = \oplus_{n\in\mathbb{Z}}\mathfrak{g}_n$ be an almost-graded Lie algebra. A cocycle γ for $\mathfrak{g}$ is called
  - *local* (or *almost-graded*) if there exist $M_1, M_2 \in \mathbb{Z}$ such that
  $$\gamma(\mathfrak{g}_n, \mathfrak{g}_m) \neq 0 \quad \Longrightarrow \quad M_1 \leq n + m \leq M_2,$$
  - *bounded* (from above) if there exists $M \in \mathbb{Z}$ such that
  $$\gamma(\mathfrak{g}_n, \mathfrak{g}_m) \neq 0 \quad \Longrightarrow \quad n + m \leq M.$$
- Page 91, paragraph 4, line 2, "... depends on the splitting $A = I \cup O$."
- Page 93, paragraph 2, line 7, "..., where f is an even linear function on $\mathcal{L}$."

- Page 103, paragraph 2, last line, "... presented in Appendix B."
- Page 106, paragraph 1, last line, "... that will be useful in the following."
- Page 114, Equation (A.13), at the end of the formula it should a point and not a comma.