

List of Errata

Carola Jutta Müller, *On Evil Twins and Their Absent Friends. Ternary Ni₂In Type Superstructures*, PhD Thesis, Lund University, 2015.

- p. iii IV. C.J. Müller, V. Bushlya, M. Ghasemi, S. Lidin, M. Valldor, F. Wang, Ternary intermetallic compounds in Au-Sn soldering systems – structure and properties, submitted to ACS Applied Materials & Interfaces.
- VI. C. J. Müller, S. Lidin, On Squaring Triangles – Structural Motifs in Cu-In-Sb compounds, submitted to Journal of Solid State Chemistry.
- p. 3, 13, 14 “at-%” should be “at.-%”
- p. 8 “¼ μ” should be “¼ μm particle size”
- p. 17 “. (Paper IV)” should be “(Paper IV).”
- “(Confer Fig. 3.5)” should be “(Confer Fig. 3.5).”
- “(Confer Fig. 3.6)” should be “(Confer Fig. 3.6).”
- p. 21 “. (Paper VI)” should be “(Paper VI).”
- “On addition of third elements where this body-centered cubic type superstructure [...]”
- should be
- “On addition of third elements where the body-centered cubic type superstructure [...]”
- p. 27 Footnote 3: “equal edges lengths” should be “equal edge lengths”
- Footnote4: “1.633” should be “1.633.”
- p. 30 “id” should be “is”
- p. 32 “[...] of Ni atoms with as few Sn atoms as possible.” should be “[...]of Ni atoms with as few In atoms as possible.”
- p. 34 “[...] network ordering, for instance, extra TM atoms in trigonal bipyramidal interstices have a preferred P element coordination environment. These energetically stable arrangements.”
- should be
- “[...] network ordering. For instance, extra TM atoms in trigonal bipyramidal interstices have preferred P element coordination environments. These energetically stable arrangements are usually accompanied by a superstructure formation.”
- “[...] the driving force for the aperiodicity in three dimensions is the severe occupational modulation of the Cu atoms in the trigonal bipyramidal interstices.”

should be

“[...] the driving force for the aperiodicity in three dimensions is the severe occupational modulation of the Cu atoms in the trigonal bipyramidal interstices, and not the constitution of the network.”

p. 36 “5Åare” should be “5 Å are”

p. 37 “A phase Cu₇In₄” should be “A-Cu₇In₄”

p. 47 “Until this knowledge gap is closed, every new compound has to be investigated experimentally.”

Should be

“Until those knowledge gaps are closed, every new compound has to be investigated experimentally.”

p. 48 “[...] of their own.” should be “[...] of their own (see Fig. 4.21).”

p. 49 “[...] body diagonals of the cubic unit cell.”

should be

“[...] body diagonals of a metrically cubic unit cell.”

“As an inclusion,” should be “As a conclusion,”

p. 51 “structure type of its own” should be “structure type family of its own”

[52] “6873” should be “68 – 73”

[107] “327*339” should be “327 – 339”

[201] “7071” should be “7071-7090”