

## **Wolfgang E. Ernst, publications on trimer molecules**

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#### **Book chapters:**

25. Andreas W. Hauser, Carlo Callegari and Wolfgang E. Ernst, **Level-structure and magnetic properties from one-electron atoms to clusters with delocalized electronic orbitals: shell models for alkali trimers**, Proceedings of the 13<sup>th</sup> International Workshop “Quantum Systems in Chemistry and Physics” (QSCP-XIII) (Springer Series *Advances in the Theory of Atomic and Molecular Systems* (eds. P. Piecuch, J. Maruani, G. Delgado-Barrio, and S. Wilson), Progress in Theoretical Chemistry and Physics 20, (DOI 10.1007/978-90-481-2985-0 30), Springer Science+Business Media B.V. 2009, p. 199-214.

26. Andreas W. Hauser, Gerald Auböck and Wolfgang E. Ernst, “**Jahn-Teller Effect and Spin-Orbit Coupling in Heavy Alkali Trimers**“ in: *Vibronic Interactions and the Jahn-Teller Effect : Theory and Applications*, (eds. Mihail Atanasov, Claude Daul, Philip Tregenna-Piggott), Springer Series: *Progress in Theoretical Chemistry and Physics* Vol. 23, Chapter 16, 1st Edition (DOI: 10.1007/978-94-007-2384-9\_10) ISBN 978-94-007-2383-2, Springer Science+Business Media B.V. 2012, p. 301-316.