## **UPS Study of Spirosilane**

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The electronic structure of 2,7-dimethyl-5-silaspiro[4,4]nona-2,7-diene has been investigated by UV photoelectron spectroscopy (UPS). The analysis of the spectra has been performed by DFT and ROVGF calculations and comparison with the UPS spectra of related compounds. An unusual  $\pi$ -orbital degeneracy in this molecule of  $C_2$ -symmetry was observed. The spiroconjugation is quenched, and the reasons are discussed.

Key words: Spiroconjugation; Photoelectron Spectroscopy.