

**Erratum: Photoemission and quantum chemical study of SrTiO<sub>3</sub>(001) surfaces and their interaction with CO<sub>2</sub> [Phys. Rev. B **78**, 195415 (2008)]**

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A disambiguation is provided. Monodentate structure/configuration refers to an adsorbate structure with a single shortest adsorbate atom-surface lattice site distance occurring between the carbon atom of CO<sub>2</sub> and a surface lattice oxygen or oxygen vacancy site. Bidentate geometry refers to a chelating bent structure<sup>1</sup> with two shortest adsorbate atom-surface lattice site distances occurring between the oxygen atoms of CO<sub>2</sub> and a surface lattice metal center. Owing to use of a plane-wave based DFT code, neither bond strength nor number of bonds between carbon or oxygen atoms of CO<sub>2</sub> and anion or cation surface lattice sites were uniquely extracted.

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<sup>1</sup>G. Pacchioni, Surf. Sci. **281**, 207 (1993).