cited states derived from the $5d^1$ configuration. The splitting of the 5d excited states is a consequence of crystal field interactions.[20]

Ce(III) photoluminescence in both **2** and **4** was observed at significantly lower energies than is normally found for Ce(III)-activated oxidic phosphors,[21,22] indicating the presence of sizable nephelauxetic effects in the metal–ligand bonding. These observations are consistent with the existence of significant covalency in the Ce(III) bonding. Comparable effects have been noted in examinations of the photoluminescence associated with Tb(III) cyclopentadienyl compounds.[23]

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Supplementary Material Available: Tables of bond distances and angles, final fractional coordinates, thermal parameters, and observed and calculated structure factors (7 pages). Ordering information is given on any current masthead page.

(20) Blasse, G.; Bril, A. *Philips Tech. Rev.* **1970**, *31*, 1970.
(21) Blasse, G.; Bril, A. *J. Chem. Phys.* **1967**, *47*, 5139.
(22) Ropp, R. C. *J. Electrochem. Soc.* **1968**, *115*, 531; *J. Lumin.* **1970**, *3*, 152.
(23) Brittain, H. G.; Meadows, J. H.; Evans, W. J. *Organometallics* **1983**, *2*, 1661; **1985**, *4*, 1585.

Additions and Corrections

A. Dale Harley, Robert R. Whittle, and Gregory L. Geoffroy*: Crystal and Molecular Structures of Bent and Planar Forms of Binuclear $Co_2(\mu\text{-}PPh_2)_2(CO)_6$ (1). Comments on the Relative Energies of the Two Forms of 1 and Related Molecules. **1983**, *2*, 383.

The crystal structure of **1** was incorrectly solved in the space group *Ia* (No. 9, nonstandard setting of *Cc*) but using the symmetry-equivalent positions of *Cc*. The structure has been completely resolved by using the original data and correct symmetry-equivalent positions for *Ia* to final residuals of $R = 0.034$ and $R_w = 0.043$. There were no significant changes in the structures of the two independent molecules of **1** with only minor modifications in bond lengths and angles. We sincerely thank W. C. Fultz (present address J. C. Huber Co.) for assistance in the final structure solution.

Supplementary Material Available: Complete tables of atomic positional parameters, bond lengths and angles, symmetry operations, and structure factors and Figure 1, ORTEP drawing of molecule 1, Figure 2, ORTEP drawing of molecule II, Figure 3, ORTEP drawing of molecule I viewed down the Co–Co axis, and Figure 4, ORTEP drawing of molecule II viewed down the Co–Co axis (26 pages). Ordering information is given on any current masthead page (also available from the authors upon request).

Charles Kutal,* Michael Weber, Guillermo Ferraudi,* and David Geiger: A Mechanistic Investigation of the Photoinduced Reduction of Carbon Dioxide Mediated by Tricarbonylbromo(2,2′-bipyridine)rhenium(I). **1985**, *4*, 2161–2166.

On p 2164, in section d under Results and Discussion, the fifth sentence should read "...bands arising from π–π^* and π^*–π^* transitions have been identified at 386 and 530–560 nm, respectively, ...".