Errata

B. Corain, The Coordination Chemistry of Hydrogen Cyanide, Cyanogen and Cyanogen Halides, Coord. Chem. Rev., 47 (1982) 165-200.

p. 170, Table 4, second line, should read:

NC-CN
$$D_{\infty h}$$
 C-C = 1.37 ± 0.02; C \equiv N = 1.16 ± 0.02

Structure III does not contribute significantly and should be deleted. The sentence on p. 170 beginning: 'There is no doubt...,' should read:

There is no doubt that a contribution from such a ground state would account for the particularly high dissociation energy of the C-C bond in C_2N_2 , as well as the short C-C bond distance, 1.37 ± 0.02 Å [the sum of two C(sp) covalent radii is 1.40 Å].

A.B.P. Lever, Analytical Treatment of the Electronic Spectra of Some Low Symmetry Transition Metal Complexes, Coord. Chem. Rev., 43 (1982) 63-85.

Equations (15)-(21) for the square pyramidal $ML_4Z^+Z^-$ species are only appropriate for the case where $e_{\pi}(L) = 0$.

In eqn. (A4), the ratio (1/990) should qualify the entire expression not simply the first term as presently indicated.

Eqn. (A9), is incorrect and should read:

$$DT = -(7\sqrt{15} Dt)/2$$

= $-(\sqrt{15}/20)[11\nu_3 - 3\nu_4 - (\nu_1 + \nu_5) - 2(\nu_2 + \nu_6) + 45B]$

Thus the expression for DT does depend upon the d^7 ground state.