ERRATA

V. S. Arutynov and A. M. Chaikin: Mechanism of the thermal decomposition of krypton difluoride (in Russian) Vol. 7, No. 2, 145-150 (1977)

Equation (IV) on page 146 should read:

Equation (2) on page 147 should read:

$$W = 2(K_1 [\text{KrF}_2]^n + K_2 [\text{KrF}_2] \text{M})^\nu = \frac{2K_3 (K_1 [\text{KrF}_2]^n + K_2 [\text{KrF}_2] \text{M}) [\text{KrF}_2]}{2K_5 \alpha [\text{KrF}_2] \text{M} + K_6}$$

I. V. Kozhevnikov: Oxidative coupling of thiophene catalyzed by Pd(II) Vol. 6, No. 3, 401-408 (1977)

In Table 2, p. 404, the last 8 entries should be preceded by the common heading "sulfate systems".

Yu. Pankratiev, V. M. Turkov, M. Forissier and J. L. Portefaix: Calorimetric study of oxygen bond strength in the surface layer of manganese dioxide

The last 2 paragraphs of p. 133 should read:

The bond energy of oxygen in the surface layer of oxides (q_s) is essential in the determination of their catalytic properties. For example, catalysts with small q_s values prove to be more active in reactions of complete oxidation. Hence the study of parameter q_s is of great practical importance for oxides.

In the present paper the direct calorimetric method is employed to measure q_s for the manganese dioxide sample previously studied by the tensimetric method /1/. As follows from Ref. /1/, the isosteric heat of oxygen desorption rises from 28 to 56 kcal-mol upon increasing the degree of surface reduction from 0.14 to 1.15%.

T. V. Andrushkevich, G. K. Boreskov, Yu. D. Pankratiev, G. Ya. Popova, O. N. Kozmenko and A. R. Kuliev: Dependence of the catalytic properties of cobalt molybdate in propylene oxidation on the surface reduction and oxygen bond energy

Vol. 7, No. 2, 187-192 (1977)

In Figure 1, p. 189, the symbols marking the curves should read (from top to bottom): q , S_{acr} , S_{CO_2} , W_{acr} , W_{CO_2}

Figure 1 of the paper Emanuel et al. : Mechanism of action of sulfur-containing complexes in oxidation processes, Vol. 6, No. 2, 119-124 (1977), should be interchanged with

Figure 2 of the paper Arutyunov et al. : Rate constants for the interaction of trifluoromethyl radicals with oxygen and fluorine, Vol. 6, No. 2, 161-167 (1977). The texts to both figures remain as printed.