

transfer with small bubbles oxidizing steel melts, the maximum rate of transfer can be estimated. With k_{xO_2} about 10^{-2} fps the time for depletion of the entrained oxygen would be of the order of 0.1 sec.

Three cases considered, 1, 2, 3 of Table I, correspond to Cases A, B, C treated by Szekely in Ref. 1. The estimations indicate that the amount of oxygen pickup by the jet is less than 1 pct of the amount that would be picked up by the bath from the subsurface bubbles.

This exercise may be continued indefinitely but the deficiency in terms of real data is only too obvious and well known.

1. J. Szekely: *Trans. TMS-AIME*, 1969, vol. 245, p. 341.
2. M. B. Glauert and M. J. Lighthill: *Proc. Roy. Soc. (London)*, 1955, vol. A273, p. 188.
3. B. C. Sakiadis: *A.I. Ch. E. J.*, 1961, vol. 9, p. 467.
4. J. Henderson, M. J. McCarthy, and N. A. Molloy: to be presented CHEMECA 70 Conference, Sydney and Melbourne, August, 1970, Australian Academy of Science and Institute of Engineers, Aust.
5. A. A. Skvortov and A. D. Akimenko: *Isvest. VUZ-Chern. Met.*, 1958, March, pp. 21-26; Henry Bratcher No. 5949.
6. P. H. Calderbank and J. Rennie: *Trans. Inst. Chem. Engrs. (London)*, 1962, vol. 40, pp. 13-22.
7. K. Schwerdtfeger: *Chem. Eng. Sci.*, 1968, vol. 23, p. 937.
8. H. D. Mendelsohn: *A.I. Ch. E. J.*, 1967, vol. 13, p. 250.
9. C. Holden and A. Hogg: *J. Iron Steel Inst.*, 1960, vol. 196, p. 318.
10. M. J. McCarthy, W. Kirchener, N. A. Molloy, and J. Henderson: *Trans. Inst. Min. Met.*, 1969, vol. 78, pp. C239-41.

Correction to *Met. Trans.*, 1970, vol. 1

Strain Tempering of Bainite, by M. K. Fondekar, A. M. Rao, and A. K. Mallik, pp. 885-90.

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The captions for Fig. 5 and Fig. 6 should be interchanged.