ERRATA CORRIGE

Computational Algorithm for a Distributed Optimal Control Problem of Parabolic Type with Terminal Inequality Constraints

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Abstract. A corrigendum to Ref. 1 is given.

Key Words. Parabolic differential equations, first boundary-value problems, optimal control problems with terminal inequality constraints, algorithms, convergence of algorithms.

Line 5, page 473, Ref. 1,

$$(\bar{\psi}_\epsilon(u))^j = J_u^j(u)(\bar{s}_\epsilon^u), j \in I_\epsilon(u),$$

should be replaced by

$$\bar{\psi}_\epsilon(u) = \max_{j \in I_\epsilon(u)} \{J_u^j(u)(\bar{s}_\epsilon^u)\}.$$

Also, Eq. (30), Ref. 1,

$$J^0(u_{i_{k+1}}) - J^0(u_{i_k}) \leq J^0(u_{i_{k+1}}) - J^0(u_{i_k}),$$

should be replaced by

$$J^0(u_{i_{k+1}}) - J^0(u_{i_k}) \leq J^0(u_{i_k+1}) - J^0(u_{i_k}).$$

References

1. WU, Z. S., and TEO, K. L., *Computational Algorithm for a Distributed Optimal Control Problem of Parabolic Type with Terminal Inequality Constraints*, Journal of Optimization Theory and Applications, Vol. 43, pp. 457-476, 1984.

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