

CORRIGENDA: INVERSE MULTI-PARAMETER EIGENVALUE PROBLEMS FOR MATRICES II

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In the paper referred to above (see [1]), the following corrections should be made.

(1) Hypothesis 2.2 should read:

$$(s_j - s_i)b_{ii} + (t_j - t_i)c_{ii} < -g_i^j - 2g_j^i - g_i^i,$$
$$(s_k - s_j)b_{kk} + (t_k - t_j)c_{kk} < -g_k^j - 2g_j^k - g_k^k, \quad 1 \leq i < j < k \leq n.$$

(2) The set $E \subset \mathbb{R}^n$ should be defined as

$$E = \{(v_1, \dots, v_n) \mid v_1 + s_1 b_{11} + t_1 c_{11} > -\eta, v_n + s_n b_{nn} + t_n c_{nn} < \eta,$$
$$v_i + s_j b_{ii} + t_j c_{ii} + g_i^j < v_j + s_j b_{jj} + t_j c_{jj} - g_j^i,$$
$$v_j + s_j b_{jj} + t_j c_{jj} + g_j^i < v_k + s_j b_{kk} + t_j c_{kk} - g_k^j,$$
$$1 \leq i < j < k \leq n\}$$

(3) $F_0(v) = v + x$ should read $F(v) = v - x$.

(4) The unique solution of $F_0(v) = 0$ is $v = x$ (not $v = -x$ as printed).

(5) Page 345, line 14:

Replace $W(A + V; s_1, t_1)$ by $\theta(A + s_1 B^* + t_1 C^*) + V + s_1 \hat{B} + t_1 \hat{C}$.

REFERENCE

1. P. J. BROWNE and B. D. SLEEMAN, Inverse multiparameter eigenvalue problems for matrices II, *Proc. Edinburgh Math. Soc.* **29** (1986), 343–348.

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