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ERRATUM TO "ON WAVE FRONTS PROPAGATION IN MULTICOMPONENT MEDIA"

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In [**1**] Condition 5 should be formulated as follows:

CONDITION 5. One can choose $\alpha > 0$ and N_1, N_2 such that:

(a) $c_{11}(u,v) + c_{12} > 0$, $c_{22}(u,v) + c_{21} > 0$ for $(u,v) \in B_\alpha = \{(u,v)\colon\ u \geq 0,\ v \geq 0,\ u + v \leq \alpha\}$.

(b) $c_{11}(N_1, v)N_1 + c_{12}v \leq 0$ for $v \in [0, N_2]$ and $c_{22}(u, N_2)N_2 + c_{21}u \leq 0$ for $u \in [0, N_1]$.

(c) Suppose that $\{u(t,x), v(t,x)\}$ is the solution of the Cauchy problem for system (1) with the initial data $u(0,x) = g_1(x)$, $v(0,x) = g_2(x)$. Then for any $\delta > 0$, one can find $t_0 = t_0(\delta)$ such that $\sup_{x\in R^r}\{|u(t,x) - a| + |v(t,x) - b|\} < \delta$ for $t > t_0$, provided $\{(u,v)\colon\ u = g_1(x),\ v = g_2(x),\ x \in R^r\} \subset A_{\alpha/2} \cap \{(u,v)\colon\ |u| + |v| < 1/\delta\}$, where $A_{\alpha/2} = \{(u,v)\colon\ u \geq 0,\ v \geq 0,\ u + v > \alpha/2\}$.

After such a correction, the statement of Theorem 2, which uses Condition 5, becomes true as well as the remarks following Theorem 2. In view of the new formulation of Condition 5, one should make simple changes at the end of the proof of Theorem 2 (after formula (18)). For $D_1 = D_2$, the previous formulation of Condition 5 implies that the new Condition 5 is valid.

REFERENCES

1. M. I. Freidlin, *On wave fronts propagation in multicomponent media*, Trans. Amer. Math. Soc. **276** (1983), 181–191.

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