

[Mizohata, Sigeru](#)

**On evolution equations with finite propagation speed. Proc. internat. Sympos. partial diff. Equ. Geometry normed lin. Spaces I.** (English) [Zbl 0271.35003](#)  
*Isr. J. Math.* 13, 173-187 (1972).

For a scan of this review see the [web version](#).

**MSC:**

[35G10](#) Initial value problems for linear higher-order PDEs

[35B30](#) Dependence of solutions to PDEs on initial and/or boundary data and/or on parameters of PDEs

[35R20](#) Operator partial differential equations (= PDEs on finite-dimensional spaces for abstract space valued functions)

Cited in **2** Reviews  
Cited in **5** Documents

**Full Text:** [DOI](#)

**References:**

- [1] L. Gårding, Linear hyperbolic partial differential equations with constant coefficients, *Acta Math.* 85 (1951), 1–62. · [Zbl 0045.20202](#) · [doi:10.1007/BF02395740](#)
- [2] L. Hörmander, Pseudo-differential operators and hypoelliptic equations, *Proc. Symposium in Singular Integral Operators*, Amer. Math. Soc. pp. 138–183.
- [3] P. D. Lax and L. Nirenberg, On stability for difference schemes; a sharp form of Gårding's inequality, *Comm. Pure Appl. Math.* 19 (1966), 473–492. · [Zbl 0185.22801](#) · [doi:10.1002/cpa.3160190409](#)
- [4] S. Mizohata, Some remarks on the Cauchy problem, *J. of Math., Kyoto Univ.* 1, (1961) 109–127. · [Zbl 0104.31903](#)
- [5] S. Mizohata, On the evolution equations with finite propagation speed, *Proc. Japan Acad.* 46 (1970), 258–261. · [Zbl 0206.40201](#) · [doi:10.3792/pja/1195520404](#)
- [6] L. Schwartz, *Théorie des Distributions I.II.*, 1950–1951.

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