

# Some asymptotic supnorm estimates for convection-diffusion equations and systems

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## 1 Resumo

We discuss a direct method to obtain general large time bounds for the supnorms of solutions for various 1D convection-diffusion initial value problems (as, for example, in [1], [2]). We also mention some open interesting problems.

## Referências

- [1] P. BRAZ E SILVA AND P. R. ZINGANO, Some asymptotic properties for solutions of one-dimensional advection-diffusion equations with Cauchy data in  $L^p(\mathbb{R})$ , *C. R. Acad. Sci. Paris, Ser. I*, **342**, (2006), 465–467.
- [2] P. BRAZ E SILVA, P. R. ZINGANO AND W. G. MELO, An asymptotic sup norm estimate for solutions of 1-D systems of convection-diffusion equations, *Journal of Differential Equations*, v. 258, (2015), 2806–2822.