



# Convergence of Solutions to a Class of Systems of Delay Differential Equations

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Received: November 11, 2004;    Revised: March 7, 2005

**Abstract:** This paper is concerned with a delay differential system which can be regarded as a mathematical model of compartmental system with pipes and time delays. It is shown that every solution of such a differential system tends to a constant vector as  $t \rightarrow \infty$ . The obtained results improve and extend some existing ones in the literature.

**Keywords:** *Convergence; delay differential equation; compartmental system.*

**Mathematics Subject Classification (2000):** 34C12, 39A11.