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## The Cauchy problem for hyperbolic systems with Hölder continuous coefficients with respect to the time variable

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**Abstract.** We discuss the local existence and uniqueness of solutions of certain nonstrictly hyperbolic systems, with Hölder continuous coefficients with respect to time variable. We reduce the nonstrictly hyperbolic systems to the parabolic ones and by use of the *Tanabe-Sobolevski's method* and the Banach scale method we construct a semi-group which gives a representation of the solution to the Cauchy problem.

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