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fields of applications has brought about important changes in the design of control systems. Their performance and their low cost make them suitable for use in control systems of various kinds which demand far better capabilities and performances than those provided by

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analog controllers. However, in order really to take advantage of the capabilities of microprocessors, it is not enough to reproduce the behavior of analog (PID) controllers. One needs to implement specific and high-performance model based control

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transportation control and supervision systems, signal-processing systems, are examples of the systems we have in mind. Although these systems are more and more computerized, it is surprising to notice that the problem of time in computer science has been studied only recently

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by "pure" computer scientists. Until the early 1980s, time problems were regarded as the concern of performance evaluation, or of some (unjustly scorned) "industrial computer engineering," or, at best, of operating systems. A second surprising fact, in

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contrast, is the growth of research concerning timed systems during the last decade. The handling of time has suddenly become a fundamental goal for most models of concurrency. In particular, Robin Alilner 's pioneering works about synchronous process algebras gave rise to a

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anger, you will
experience anger in
your life. Adversely if
you understand
absolute love and live
it, you will find peace
and joy. The suffering
we experience, is
mainly due to our
holding on to past
pains, resentments,
and anger. As long as
we remain in the past
in our thinking, we will

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