Continuous-Time Periodic Systems in H_2 and H_∞. Part II: State Feedback Problems.

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Abstract: This paper deals with some state-feedback H_2/H_∞ control problems for continuous time periodic systems. The derivation of the theoretical results underlying such problems has been presented in the first part of the paper. Here, the parametrization and optimization problems in H_2, H_∞ and mixed H_2/H_∞ are introduced and solved.