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**Observers for 2- $D$  singular systems.** (English) Zbl 0739.93018  
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Summary: The concepts of asymptotic and deadbeat observers are extended for the singular Fornasini-Marchesini model of 2- $D$  linear discrete systems. Sufficient conditions for the existence of full order asymptotic and deadbeat observers for the singular Fornasini-Marchesini model are established. A procedure for finding matrices of the observers is given.

**MSC:**

93B07 Observability

Cited in 2 Documents

**Keywords:**

asymptotic observer; deadbeat observers; Fornasini-Marchesini model; linear discrete systems