

**Cobb, Daniel**

**A further interpretation of inconsistent initial conditions in descriptor-variable systems.**  
(English) [Zbl 0522.93037](#)  
IEEE Trans. Autom. Control 28, 920-922 (1983).

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**MSC:**

- 93C15 Control/observation systems governed by ordinary differential equations Cited in **9** Documents
- 34A99 General theory for ordinary differential equations
- 34A12 Initial value problems, existence, uniqueness, continuous dependence and continuation of solutions to ordinary differential equations
- 49K40 Sensitivity, stability, well-posedness
- 93C05 Linear systems in control theory
- 93C99 Model systems in control theory

**Keywords:**

singular system; descriptor variable system; distributional solutions; inconsistent initial conditions; transient disturbances

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