

**Kominek, Zygfryd**

**A few remarks on almost  $C$ -polynomial functions.** (English) Zbl 1150.39328  
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Summary: We give some sufficient conditions for a function transforming a commutative semigroup to a commutative group to be a polynomial function. Some stability results are also given.

**MSC:**

- 39B82** Stability, separation, extension, and related topics for functional equations Cited in 1 Document
- 39B52** Functional equations for functions with more general domains and/or ranges

**Keywords:**

stability in the sense of Hyers-Ulam; Fréchet's equation

**Full Text:** [EuDML](#)

**References:**

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- [4] KUCZMA M.: An Introduction to the Theory of Functional Equations and Inequalities. Cauchy's Equation and Jensen's Inequality. Pr. Nauk. Uniw. SI. Katow. 489, Wydawn. Uniw. Slaskiego/Panstwowe Wydawnictwo Naukowe, Katowice/Warszawa-Krakow-Katowice, 1985. · [Zbl 0555.39004](#)
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