

**Tesaříková, Eva**

**On the properties of central dispersions of linear second order differential equations being of finite type-special.** (English) [Zbl 0713.34012](#)

Acta Univ. Palacki. Olomuc., Fac. Rerum Nat., Math. 28, 177-189 (1989).

Based on the concepts given for the second order differential equation  $y'' = q(t)y$  in his previous paper [ibid. 88, Math. 26, 95-130 (1987; [Zbl 0708.34011](#))], the author discusses the relations between the special central dispersions and their derivatives and between the central dispersions and the phases of the oscillatory equation.

Reviewer: [Ge Weigao](#)

**MSC:**

[34A30](#) Linear ordinary differential equations and systems

Cited in **3** Documents

**Keywords:**

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

**References:**

- [1] Borůvka O.: Lineare Differentialtransformationen 2.Ordnung. VEB OVW, Berlin (1967).
- [2] Tesaříková E.: To the theory of central dispersions for the linear differential equations  $y'' = q(t)y$  of a finite type-special. Acta Univ.Palackiana Olomucensis Olomouc, Fac.Rer.Nat. 88 (1987). · [Zbl 0708.34011](#)

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