

Linear Differential Transformations of the Second Order

Supplementary Bibliography

In: Otakar Borůvka (author); Felix M. Arscott (translator): Linear Differential Transformations of the Second Order. (English). London: The English Universities Press, Ltd., 1971. pp. [248]–249.

Persistent URL: <http://dml.cz/dmlcz/401703>

Terms of use:

© The English Universities Press, Ltd.

Institute of Mathematics of the Czech Academy of Sciences provides access to digitized documents strictly for personal use. Each copy of any part of this document must contain these *Terms of use*.



This document has been digitized, optimized for electronic delivery and stamped with digital signature within the project *DML-CZ: The Czech Digital Mathematics Library* <http://dml.cz>

Supplementary Bibliography

- 1* E. BARVÍNEK: Fundamental central dispersion in a simple system $\langle \mathfrak{G} \rangle$. Arch. Math. (Brno) 7 (1971) (in press).
- 2* O. BORŮVKA: Über eine Charakterisierung der allgemeinen Dispersionen linearer Differentialgleichungen 2. Ordnung. Math. Nachr., 38 (1968), 261–266.
- 3* O. BORŮVKA: Sur les solutions simultanées de deux équations différentielles de Kummer. Bull. de la Soc. des Sci. math. de Roumanie. IV[—]ème Congrès des Math. d'expression latine et Commémoration d'Elie Cartan. 1969. (In press.)
- 4* O. BORŮVKA: Algebraic elements in the transformation theory of 2nd order linear oscillatory differential equations. Acta Fac. Rerum Nat. Univ. Comen. (Bratislava) Mathematica XVII (1967), 27–36.
- 5* O. BORŮVKA: Sur quelques propriétés de structure du groupe des phases des équations différentielles linéaires du deuxième ordre. Revue Roum. de Math. p. et appl. XV (1970, Nr. 9. 1345–1356.
- 6* O. BORŮVKA: Eléments géométriques dans la théorie des transformations des équations différentielles linéaires et ordinaires du deuxième ordre. Atti del Convegno Internazionale di Geometria Differenziale. Bologna, 1967, 1–12.
- 7* O. BORŮVKA: Théorie des transformations des équations différentielles linéaires du deuxième ordre. Rend. di Mat. 26 (1967), 187–246.
- 8* J. CHRASTINA: On dispersions of the 1st and 2nd kind of differential equation $y'' = q(x)y$. Publ. Fac. Sci. Univ. J. E. Purkyně, Brno, No. 508 (1969), 353–377.
- 9* M. GREGUŠ, F. NEUMAN and F. M. ARSCOTT: Three-point boundary value problems in differential equations. Jour. Lond. Math. Soc. 2nd series 3, (1971) (in press).
- 10* H. GUGGENHEIMER: Some geometric remarks about dispersions. Arch. Math. (Brno), 4 (1968), 193–199.
- 11* H. GUGGENHEIMER: Hill equations with coexisting periodic solutions, II. Comm. Math. Helv., 44 (1969), 381–384.
- 12* H. GUGGENHEIMER: An application of Floquet theory. Boll. Un. Mat. It. (4) 2 (1969), 205–207.
- 13* H. GUGGENHEIMER: Homogeneous linear differential equations with only periodic solutions. Israel J. Math. (In press).
- 14* H. GUGGENHEIMER: Geometric theory of differential equations, I. Second order linear equations. (In press.)
- 15* H. GUGGENHEIMER: Geometric theory of differential equations, II. Analytic interpretation of a geometric theorem of Blaschke. (In press.)
- 16* H. GUGGENHEIMER: Notes on Geometry. Arch. Math. (Brno), 5 (1969), 125–130.
- 17* F. NEUMAN: On the Liouville Transformation. Rend. di Mat. 3 (1970), 133–139.
- 18* F. NEUMAN: On the Coexistence of Periodic Solutions. J. Diff. Equat. 8 (1970), 277–282.
- 19* F. NEUMAN: A Role of Abel's Equation in the Stability Theory of Differential Equations. (To appear in Aequat. Math.)
- 20* F. NEUMAN: Centroaffine Invariants of Plane Curves in Connection with the Theory of the Second-Order Linear Differential Equations. Arch. Math. (Brno), 4 (1968), 201–216.
- 21* F. NEUMAN: L^2 -Solutions of $y'' = q(t)y$ and a Functional Equation. (To appear in Aequat. Math.)
- 22* F. NEUMAN: On Bounded Solutions of a Certain Differential Equation. Acta Fac. Rerum Nat. Univ. Comen. (Bratislava) Mathematica XVII (1967), 213–215.

- 23* F. NEUMAN: An Explicit Form of the Differential Equations $y'' = q(t)y$ with Periodic Solutions. *Ann. di Mat. p. ed appl.* **85** (1970), 295–300.
- 24* F. NEUMAN: Extremal Property of the Equation $y'' = -k^2y$. *Arch. Math. (Brno)* **3** (1967), 161–164.
- 25* F. NEUMAN: Closed Plane Curves and Differential Equations. *Rend. di Mat.* **3** (1970), 423–433.
- 26* F. NEUMAN: Periodic Curvatures and Closed Curves. *Rend. Acad. Naz. dei Lincei.* **48** (1970) 494–498.
- 27* F. NEUMAN: A Note on Santaló's Isoperimetric Theorem. (To appear in *Revista de Mat. y Fis. Univ. Tucuman*).
- 28* F. NEUMAN: Linear Differential Equations of the Second Order and Their Applications. Lectures notes of the Univ. of Waterloo, Ontario, Canada, also to appear in *Rend. di Mat.*
- 29* K. STACH: Die allgemeinen Eigenschaften der Kummerschen Transformationen zweidimensionaler Räume von stetigen Funktionen. *Publ. Fac. Sci. Univ. J. E. Purkyně, Brno*, 1966, No 478.
- 30* K. STACH: Die vollständigen Kummerschen Transformationen zweidimensionaler Räume von stetigen Funktionen. *Arch. Math. (Brno)* **3** (1967), 117–138.
- 31* K. STACH: Die Kummerschen Transformationen in Räumen mit abgeschlossenen Phasen. Teil A: Allgemeine Eigenschaften. *Arch. Math. (Brno)* **4** (1968), 141–156.
- 32* K. STACH: Die Kummerschen Transformationen in Räumen mit abgeschlossenen Phasen. Teil B: Transformationen in Räumen der gegebenen Klasse. *Arch. Math.* **5** (1969) 61–73.
- 33* K. STACH: Die Konstruktion eines zweidimensionalen Raums von stetigen Funktionen zur gegebenen Phasenfunktion. *Sbornik prací VŠB (Ostrava)* **2** (1968), 27–31.
- 34* K. STACH: Die Kategorie der Phasenfunktionen. *Publ. Fac. Sci. Univ. J. E. Purkyně, Brno*, No. 508 (1969), 379–386.
- 35* K. STACH: Die Äquivalenz in der Kategorie der Phasenfunktionen. (In press.)
- 36* K. STACH: Eine algebraische Struktur der allgemeinen Kummerschen Transformationen. (In press.)
- 37* J. VOŠMANSKÝ: The Monotonicity of Extremants of Integrals of the Differential Equation $y'' + q(t)y = 0$. *Arch. Math. (Brno)* **2** (1966), 105–111.
- 38* J. VOŠMANSKÝ: Monotonic Properties of Zeros and Extremants of the Differential Equation $y'' + q(t)y = 0$. *Arch. Math. (Brno)* **6** (1970), 37–74.
- 39* V. ŠEDA: A Comparison Theorem in the Theory of the Second-Order Linear Differential Transformations. *Arch. Math. (Brno)* **5** (1969), 7–17.
- 40* Y. KRVIĽA: Об определении неколеблющего дифференциального уравнения $y'' = q(t)y$ второй гиперболической фазой. *Arch. Math. (Brno)* **5** (1969), 1–6.