

A Complete Bibliography of Publications in *Canadian Journal of Mathematics* = *Journal canadien de mathématiques* for the decade 1940–1949

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Title word cross-reference

Discrete [3]. **disjoint** [15].
eigenfunctions [34, 21]. **Elementary** [5].
Epstein [29]. **equation** [18].
Factorization [34]. **fields** [19, 35]. **finite** [9, 17, 10]. **finite-dimensional** [10]. **force** [19]. **force-fields** [19]. **forms** [32].
formulae [30]. **four** [6]. **four-space** [6].
Fréchet [14]. **free** [17]. **French** [2].
function [16, 18]. **function-lattices** [16].
Functionals [14]. **functions** [7, 29].
General [20]. **generalization** [29].
generalizations [30]. **Generalized** [10, 4].
given [33]. **Graphs** [33]. **Green** [18].
group [33, 15]. **Groups** [11, 17].
abstract [33]. **algebraic** [5]. **Angular** [24].
Applications [30]. **arbitrary** [8].
associated [18]. **Axiomatic** [31].
between [27]. **bounded** [11, 14].
Boundedness [16].
Cayleyan [4]. **certain** [9]. **characteristic** [35]. **combinatorial** [30]. **Completely** [13].
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continuous [12]. **convex** [7]. **courbure** [2].
critical [8]. **curvature** [24, 2].
degree [33, 11]. **density** [25]. **differential** [18]. **dimensional** [10]. **Direct** [28].

Hermann [29].

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ladders [34]. Laplace [21].

Laplace-operator [21]. Latimer [26]. lattices [8, 16]. Liouville [35]. Lorentz [3].

MacDuffee [26]. manifolds [21]. matrices [6]. matrix [27]. Mean [12, 2].

Mean-continuous [12]. measure [24].

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Newtonian [19]. nonexistence [9]. Note [19, 4, 29].

operator [21, 4]. order [18]. Orthogonal [6].

particles [20]. planes [9]. point [8]. positive [35]. power [1]. powers [27]. problem [5]. product [1, 15]. projective [9]. properties [21, 16].

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rank [31]. reducible [25]. relations [27]. Relativity [20]. Representation [32]. representations [11, 15]. Riemannian [21].

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theorem [35, 30, 26]. theorems [28]. Theory [20]. three [33, 22]. time [3]. traces [27]. transformations [3].

treatment [31, 5]. two [1].

uniqueness [18]. upon [4].

variation [14]. vector [10]. vortices [22].

waves [23]. Weyl [29]. Wilson [30].

zeta [29].

References

Davenport:1949:PTP

- [1] H. Davenport and G. Pólya. On the product of two power series. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(1):1–5, 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Lalan:1949:SCM

- [2] Victor Lalan. Sur les surfaces à courbure moyenne isotherme. (French) [On surfaces with isotherm mean curvature]. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):6–28, 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Schild:1949:DST

- [3] Alfred Schild. Discrete space-time and integral Lorentz transformations. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):29–47, 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Turnbull:1949:NUG

- [4] H. W. Turnbull. Note upon the generalized Cayleyan operator. *Canadian*

Journal of Mathematics = Journal canadien de mathématiques, 1(??):48–56, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Weyl:1949:EAT

- [5] Hermann Weyl. Elementary algebraic treatment of the quantum mechanical symmetry problem. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):57–68, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

MacDuffee:1949:OMF

- [6] C. C. MacDuffee. Orthogonal matrices in four-space. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(1):69–72, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Fenchel:1949:CCF

- [7] W. Fenchel. On conjugate convex functions. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):73–77, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Mahler:1949:CLA

- [8] K. Mahler. On the critical lattices of arbitrary point sets. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):78–87, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Bruck:1949:NCF

- [9] R. H. Bruck and H. J. Ryser. The nonexistence of certain finite projective planes. *Canadian Journal of Mathematics = Journal canadien de mathématiques*,

1(??):88–93, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Menger:1949:GVS

- [10] Karl Menger. Generalized vector spaces. I. The structure of finite-dimensional spaces. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):94–104, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Kaplansky:1949:GRB

- [11] Irving Kaplansky. Groups with representations of bounded degree. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):105–112, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Ellis:1949:MCI

- [12] H. W. Ellis. Mean-continuous integrals. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):113–124, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Snapper:1949:CIM

- [13] Ernst Snapper. Completely indecomposable modules. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):125–152, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Morse:1949:FBF

- [14] Marston Morse and William Transue. Functionals of bounded Fréchet variation. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1

(?):153–165, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Robinson:1949:DPI

- [15] G. de B. Robinson. On the disjoint product of irreducible representations of the symmetric group. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(?):166–175, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Stone:1949:BPF

- [16] M. H. Stone. Boundedness properties in function-lattices. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(?):176–186, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Hall:1949:SFI

- [17] Marshall Hall, Jr. Subgroups of finite index in free groups. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(?):187–190, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Titchmarsh:1949:UGF

- [18] E. C. Titchmarsh. On the uniqueness of the Green's function associated with a second-order differential equation. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(?):191–198, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Birkhoff:1949:NNF

- [19] Garrett Birkhoff and Lindley Burton. Note on Newtonian force-fields. *Canadian Journal of Mathematics = Journal*

canadien de mathématiques, 1(?):199–208, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Einstein:1949:MPG

- [20] Albert Einstein and Leopold Infeld. On the motion of particles in General Relativity Theory. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(1):209–241 + 1, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Minakshisundaram:1949:SPE

- [21] S. Minakshisundaram and Å. Pleijel. Some properties of the eigenfunctions of the Laplace-operator on Riemannian manifolds. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(?):242–256, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Synge:1949:MTV

- [22] J. L. Synge. On the motion of three vortices. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(?):257–270, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Weinstein:1949:SW

- [23] Alexander Weinstein. On surface waves. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(?):271–278, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Busemann:1949:AMI

- [24] Herbert Busemann. Angular measure and integral curvature. *Canadian Jour-*

nal of Mathematics = Journal canadien de mathématiques, 1(??):279–296, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Chowla:1949:DR1

- [25] S. D. Chowla and John Todd. The density of reducible integers. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):297–299, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Taussky:1949:TLM

- [26] Olga Taussky. On a theorem of Lattimer and MacDuffee. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):300–302, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Frame:1949:CRB

- [27] J. S. Frame. Congruence relations between the traces of matrix powers. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):303–304, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Lorentz:1949:DTM

- [28] G. G. Lorentz. Direct theorems on methods of summability. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):305–319, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Minakshisundaram:1949:GEZ

- [29] S. Minakshisundaram. A generalization of Epstein zeta functions. With a supplementary note by Hermann Weyl. *Canadian Journal of Mathematics = Journal*

canadien de mathématiques, 1(??):320–327, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Mendelsohn:1949:ACF

- [30] N. S. Mendelsohn. Applications of combinatorial formulae to generalizations of Wilson’s theorem. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):328–336, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Rado:1949:ATR

- [31] R. Rado. Axiomatic treatment of rank in infinite sets. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):337–343, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Pall:1949:RQF

- [32] Gordon Pall. Representation by quadratic forms. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):344–364, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Frucht:1949:GDT

- [33] Robert Frucht. Graphs of degree three with a given abstract group. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):365–378, ??? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).

Duff:1949:FLE

- [34] G. F. D. Duff. Factorization ladders and eigenfunctions. *Canadian Journal of Mathematics = Journal canadien*

de mathématiques, 1(??):379–396, ????
1949. CODEN CJMAAB. ISSN 0008-
414X (print), 1496-4279 (electronic).

Mahler:1949:TLF

- [35] K. Mahler. On a theorem of Liouville in fields of positive characteristic. *Canadian Journal of Mathematics = Journal canadien de mathématiques*, 1(??):397–400, ???? 1949. CODEN CJMAAB. ISSN 0008-414X (print), 1496-4279 (electronic).