

CUMULATIVE PUBLICATIONS LIST/LISTE CUMULATIVE DE PUBLICATIONS

We intend to print cumulative lists of publications of Canadian individuals or organizations as is illustrated below. Contributions are welcome. We may shorten long lists to fit the space available.

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Nous avons l'intention de faire imprimer des listes cumulatives d'ouvrages publiés par des particuliers ou des organismes canadiens, tel qu'il est illustré ci-dessous. Nous vous invitons à contribuer à cette entreprise. Nous aurons peut-être toutefois à raccourcir certaines listes en fonction de l'espace disponible.

Building Physics Section, Division of Building Research, National Research Council of Canada:

The following is a partial list of reports, reprints, etc. available from the Building Physics Section, Division of Building Research, National Research Council of Canada, Ottawa, Ontario K1A 0R6.

- NRC 3311 The horn as a coupling element for acoustic impedance measurements by T.D. Northwood and H.C. Pettigrew, reprint from the Journal of the Acoustical Society of America, Vol. 26, No. 4, July 1954, p. 503-506. (DBR Research Paper No. 12)
- NRC 3475 Acoustical Factors in architectural design by T.D. Northwood, reprint from Journal, Royal Architectural Institute of Canada, Vol. 31, No. 11, November 1954, p. 397-399. (DBR Technical Paper No. 23)
- NRC 4125 Noise control in Toronto's new subway by W.H. Paterson, Toronto Transit Commission and T.D. Northwood, Division of Building Research, reprint from Noise Control, Vol. 2, No. 5, September 1956, p. 28. (DBR Research Paper No. 28)
- NRC 4215 Acoustical design of enclosures for power transformers by T.D. Northwood, L.B. Smith and E.J. Stevens, reprint from Noise Control, Vol. 3, No. 2, March 1957, p. 37-39, 86. (DBR Research Paper No. 31)
- NRC 4747 Acoustical design of the Alberta Jubilee Auditoria by T.D. Northwood and E.J. Stevens, reprint from the Journal of the Acoustical Society of America, Vol. 30, No. 6, June 1958, p. 507-516. (DBR Research Paper No. 70)
- NRC 5163 Absorption of sound by a strip of absorptive material in a diffuse sound field by T.D. Northwood, M.T. Grisaru, and M.A. Medcof, reprint from the Journal of the Acoustical Society of America, Vol. 31, No. 5, May 1959, p. 595-599. (DBR Research Paper No. 83)
- NRC 5347 Random sound field in reverberation chambers by C.G. Balachandran, reprint from the Journal of the Acoustical Society of America, Vol. 31, No. 10, October 1959, p. 1319-1321. (DBR Research Paper No. 89)
- NRC 5600 Sound absorption coefficients and acoustical design by T.D. Northwood and C.G. Balachandran, reprint from Proceedings of the Third International Congress on Acoustics, Vol. 2, 1961, p. 847-849. (DBR Research Paper No. 141)
- NRC 6759 Sound-insulation ratings and the new ASTM sound-transmission class by T.D. Northwood, reprint from the Journal of the Acoustical Society of America, Vol. 34, No. 4, April 1962, p. 493-501. (DBR Research Paper No. 160)
- NRC 6812 Rail vehicle noise by T.D. Northwood, reprint from the Engineering Journal, Vol. 46, No. 1, January 1963, p. 30-33. Discussion, Vol. 46, No. 3, March 1963, p. 62. (DBR Research Paper No. 155)

- NRC 7005 Acoustics and church architecture by T.D. Northwood, reprint from the Journal of the Royal Architectural Institute of Canada, Vol. 30, No. 7, July 1962, p. 51-55. (DBR Technical Paper No. 140)
- NRC 7493 Absorption of diffuse sound by a strip or rectangular patch of absorptive material by T.D. Northwood, reprint from Journal of the Acoustical Society of America, Vol. 35, No. 8, August 1963, p. 1173-1177. (DBR Research Paper No. 187)
- NRC 8087 Sound insulation and the apartment dweller by T.D. Northwood, reprint from the Journal of the Acoustical Society of America, Vol. 36, No. 4, April 1964, p. 725-728. (DBR Technical Paper No. 185)
- NRC 8398 Comparison of reverberation-room and impedance tube absorption measurements by D. Olynyk and T.D. Northwood, reprint from the Journal of the Acoustical Society of America, Vol. 36, No. 11, November 1964, p. 2171-2174. (DBR Research Paper No. 240)
- NRC 8896 Subjective judgments of footstep-noise transmission through floors by D. Olynyk and T.D. Northwood, reprint from the Journal of the Acoustical Society of America, Vol. 38, No. 6, December 1965, p. 1035-1039. (DBR Research Paper No. 281)
- NRC 9092 Direct-energy density in transmission-loss measurements by R.J. Donato, reprint from Journal of the Acoustical Society of America, Vol. 40, No. 1, July 1966, p. 1-3. (DBR Research Paper No. 287)
- NRC 9162 Noise control in residential buildings by T.D. Northwood, H.B. Dickens and A.T. Hansen, Summary of Seminar presented at 1966 Annual Convention of the NHBA in Montreal, Jan. 11, 1966. (DBR Technical Paper No. 230)
- NRC 9882 Angular Distribution of lower room modes by R.J. Donato, reprint from the Journal of the Acoustical Society of America, Vol. 41, No. 6, June 1967, p. 1496-1499. (DBR Research Paper No. 340)
- NRC 10056 Assessment of wood-joist and concrete floors by D. Olynyk and T.D. Northwood, reprint from Journal of the Acoustical Society of America, Vol. 42, No. 4, April 1968, p. 730-733. (DBR Research Paper No. 358)
- NRC 10612 Frequency considerations in the subjective assessment of sound insulation by T.D. Northwood and D.M. Clark, reprint from the Proceedings, 6th International Congress on Acoustics, Tokyo, August 1968, p. 109-E--112. (DBR Research Paper No. 391)

- NRCC 11462 Influence of diffusivity on the transmission loss of a single-leaf wall by A. de Bruijn, reprint from the Journal of the Acoustical Society of America, Vol. 47, No. 3 (Part I), March 1970, p. 667-675. (DBR Research Paper No. 444)
- NRCC 11463 Subjective study of the sound-transmission class system for rating building partitions by D.M. Clark, reprint from the Journal of the Acoustical Society of America, Vol. 47, No. 3 (Part I), March 1970, p. 676-682. (DBR Research Paper No. 445)
- NRCC 12337 Correlation of reverberant sound fields using a k-transform technique by R.J. Donato, May 1972. (DBR Research Paper No. 505)
- NRCC 12352 Sound transmission through a double-leaf wall by R.J. Donato, reprint from Journal of the Acoustical Society of America, Vol. 51, No. 3 (Part I), March 1972, p. 807-815. (DBR Research Paper No. 506)

TECHNICAL NOTES

- TN 433 Calculation of motor vehicle noise alongside level and depressed roadways, by T.D. Northwood and D. Olynyk, February 1965.
- TN 501 Airborne sound insulation in a series of wood-frame apartment buildings, by D. Olynyk, September 1967.
- TN 526 Sound insulations of some window constructions, by D. Olynyk, November 1968.

CANADIAN BUILDING DIGESTS

- CBD 10\* Noise transmission in buildings, by T.D. Northwood, October 1960.
- CBD 41\* Sound and people by T.D. Northwood, May 1963.
- CBD 51\* Sound insulation in office buildings, by T.D. Northwood, March 1964.
- CBD 92\* Room acoustics - design for listening, by T.D. Northwood, August 1967.
- CBD 139 Acoustical design of open-planned offices, by L.W. Hegvold, July 1971.

BUILDING RESEARCH NOTES

- BRN 44      Absorption of diffuse sound by a strip or rectangular patch of absorptive material, by T.D. Northwood, April 1964.
- BRN 59      Impact sound transmission tests on a concrete slab floor with various surface constructions, by D. Olynyk, July 1967.
- BRN 65      Impact sound transmission field data for concrete and wood joist floors, by D. Olynyk, November 1968.
- BRN 66      Transmission loss of plasterboard walls, by T.D. Northwood, October 1968. (Revised Dec. 1968, July 1970)

IN PRESS

1. Acoustics of Open-Plan Offices, by A.C.C. Warnock (to appear in J. Acoust. Soc. Am.).
2. Insulating Houses Against Noise, by R.J. Donato (to appear in J. Acoust. Soc. Am.).

ORAL PRESENTATIONS (available only in manuscript)

1. Noise and What to Do About It, by T.D. Northwood (to Central Chapter, Assoc. Prof. Engineers).
2. Subjective Rating of Broad-Band Noises Containing Pure Tones, by P. Goulet and T.D. Northwood (to Acoust. Soc. Am., November 1972).
3. Reverberation Room and Impedence Tube Measurements of Carpet Absorption, by M. Poulin and T.D. Northwood (to Acoust. Soc. Am., November 1972).