

ÿWPCB ||
 ûÿ|| 2 che Arbeiten enin. (Melv); #NWT
; || Group: C:\PAP\NEW.GRP
 Sorted by: Year, Authors, Title
 Using Format: SIMONOUT
 Current Search: year=* and au=perla
 Last Search run on 14 Jun 1993, at 12:08
 Last modified on 14 Jun 1993, at 12:58
 Contains 73 references

Listed with Format SIMONOUT

Listing Created 14 Jun 1993, at 13:00

LaChapelle, E.R. and R. Perla, 1967. Mechanical properties of the soft slab. Alta Avalanche Study Center Report No.B@2, Wasatch National Forest, U.S.D.A. Forest Service, Salt Lake City, Utah, 14 pp.

Perla, R., 1967. Optimum probing for avalanche victims. Alta Avalanche Study Center Report No.M@13, Wasatch National Forest, U.S.D.A. Forest Service, Salt Lake City, Utah, 12 pp.

Perla, R., 1968. Modern avalanche rescue. Snow Safety Guide No.1, Alta Avalanche Study Center, Wasatch National Forest, U.S.D.A. Forest Service, Salt Lake City, Utah, 64 pp.

Perla, R., 1968. Why Alta has fine powder skiing. Western Skier, Fall, 21

Perla, R., 1969. Predicting avalanche danger in the Tien@Shan. Alta Avalanche Study Center Translation No.10, translation of Russian paper by Scherbakov, Wasatch National Forest, U.S.D.A. Forest Service, Salt Lake City, Utah, 23 pp.

Perla, R., 1969. Strength tests on newly fallen snow. Journal of Glaciology, 8(54), October, 427@440

Perla, R., 1970. Contributory factors in avalanche hazard evaluation. Canadian Geotechnical Journal, 7(4), 414@419

Perla, R., 1970. Correspondence @ The role of stress concentration in slab avalanche release: comments on Dr R.A. Sommerfeld's paper. Journal of Glaciology, 9(56), June, 283

Perla, R. and E.R. LaChapelle, 1970. A theory of snow slab failure. JGR, Journal of Geophysical Research, 75(36), 7619@7627

Perla, R., 1971. Characteristics of slab avalanches. In @ Proceedings, Snow and Ice Symposium, A.O. Haugen (Editor), Iowa

State University, Ames, Iowa, 163©183

Perla, R., 1971. Guide to collection of references, abstracts, and books on snow and avalanches. Alta Avalanche Study Center Report No.101, Wasatch National Forest, U.S.D.A. Forest Service, Salt Lake City, Utah, 8 pp.

Perla, R., 1971. The slab avalanche. Alta Avalanche Study Center Report No.100, Wasatch National Forest, U.S.D.A. Forest Service, Salt Lake City, Utah, 101 pp.

Perla, R., 1972. Generalization of Haefeli's creep angle analysis. *Journal of Glaciology*, 11(63), 447©450

Perla, R., 1972. Snow avalanches of the Wasatch Front. In © Environmental Geology of the Wasatch Front, Publication No.1, Utah Geological Association, 01©025

Perla, R., 1973. Advances in North American avalanche technology. Rocky Mountain Experimental Station Report No.RM©3, U.S.D.A. Forest Service, Fort Collins, Colorado, 54 pp.

Perla, R., 1973. Avalanches: don't get stuck in the snow. *Triangle Review*, Fort Collins, Colorado, Vol.*, 10 November, 5

Perla, R., 1973. Hyperbolic stress equations for compressible slabs. *International Journal of Non©Linear Mechanics*, Vol.8, 253 ©259

Perla, R.I., 1974. Avalanche safety notes. Canadian Ski Patrol, 2 pp.

Perla, R.I., 1975. Stress and fracture of snow slabs. In © Snow Mechanics Symposium, 1©5 April 1974, Grindelwald, Switzerland, IASH Publication No.114, International Association of Scientific Hydrology, I.U.G.G., 208©221

Perla, R.I., 1976. Avalanche safety notes. *Foothills Wilderness Journal*, April, 15

Perla, R., 1976. Slab avalanche measurements. In © Slope Stability, D. Campanella (Editor), 29th Geotechnical Conference, 13©16 October 1976, Vancouver, British Columbia Chapter 7, Canadian Geotechnical Society, 1©14

Perla, R. and M. Martinelli Jr., 1976. Avalanche Handbook. Agricultural Handbook No.489, Forest Service, U.S. Department of Agriculture, Fort Collins, Colorado, July, 238 pp.

Perla, R.I., 1977. Chapter 22. Failure of snow slopes. In © Geology and Mechanics of Rock Slides and Avalanches, Vol.1, B. Voight (Editor), Elsevier, 731©752

Perla, R.I., 1977. A report on the avalanche workshop, Banff, Alberta, November 1976. In © Glaciological Data © Avalanches, Report GD@1, World Data Center A for Glaciology, Institute of Arctic and Alpine Research, Boulder, Colorado, 43

Perla, R., 1977. Slab avalanche measurements. Canadian Geotechnical Journal, 14(2), May, 206@213. Proceedings, 29th Canadian Geotechnical Conference, October 1976, Vancouver, British Columbia, Part VII, 1@15

Perla, R., 1978. Artificial release of avalanches in North America. Arctic and Alpine Research, 10(2), Mountain Geoecology and Land@use Implications, edited by J.D. Ives and R.P. Zimina, Proceedings of the Symposium of the International Geographical Union Commission on High@Altitude Geoecology, July 1976, Caucasus Mountains, U.S.S.R., May, 235@240

Perla, R.I. (Editor), 1978. Avalanche control, forecasting and safety: Proceedings of a Workshop held in Banff, Alberta, 1@4 November 1976. ACGR Technical Memorandum No.120, Associate Committee on Geotechnical Research, National Research Council of Canada, Ottawa, Ontario, February, 301 pp.

Perla, R., 1978. Avalanche evaluation and safety in the back country. In © Avalanche Control, Forecasting, and Safety: Proceedings of a Workshop held in Banff, Alberta, 1@4 November 1976, R. Perla (Editor), ACGR Technical Memorandum No.120, Associate Committee on Geotechnical Research, National Research Council of Canada, Ottawa, Ontario, 260@269

Perla, R., 1978. High explosives and artillery in avalanche control. In © Avalanche Control, Forecasting, and Safety: Proceedings of a Workshop held in Banff, Alberta, 1@4 November 1976, R. Perla (Editor), ACGR Technical Memorandum No.120, Associate Committee on Geotechnical Research, National Research Council of Canada, Ottawa, Ontario, 42@49

Perla, R., 1978. Short note on slab@avalanche measurements. Journal of Glaciology, 20(82), 221@222

Perla, R., 1978. Snow crystals/Les cristaux de neige. NHRI Paper No.1/Rapport No.1 de l'INRH, National Hydrology Research Institute/Institut National de Recherches en Hydrologie IWD Scientific series No.96/@(Àtude NÀ\$@A96, sÀ)@Àrie scientifique de la DGEI, Inland Waters Directorate/Direction gÀ)@ÀnÀ)@Àrale des eaux intÀ)@Àrieures, Environment Canada/Environnement Canada, Ottawa, Ontario, 19 pp.

Perla, R., 1978. Temperature@gradient and equi@temperature metamorphism. In © Proceedings of the 2nd International Conference on Snow and Avalanches, Grenoble, France, 12@14 April

1978, Association nationale pour l'À)Àtude de la neige et des avalanches, 43©48

Perla, R., T. Beck and J. Banner, 1978. Impact force of snow. NHRI Paper No.2, National Hydrology Research Institute IWD Scientific Series No.97, Inland Waters Directorate, Environment Canada, Ottawa, Ontario, 8 pp.

Cheng, T.T. and R. Perla, 1979. Numerical computation of avalanche motion. NHRI Paper No.5, National Hydrology Research Institute, Inland Waters Directorate, Environment Canada, Ottawa, Ontario, 12 pp.

Perla, R.I., T. Beck and J. Banner, 1979. Translation of Impact force of snow, NHRI Paper No.2, IWD Scientific Series No.97. Neige et avalanche, Association national pour l'À)Àtude de la neige et des avalanches, Grenoble, France, July, 8 pp.

Perla, R.I., T.T. Cheng and D.M. McClung, 1979. Avalanche motion. In © Proceedings, National Conference on Recreational Planning and Development, 21 April 1979, Snowbird, Utah, American Society of Civil Engineers, 10 pp.

Perla, R., 1980. Chapter 7. Avalanche release, motion and impact. In © Dynamics of Snow and Ice Masses, S. Colbeck (Editor), Academic Press, New York, 397©462

Perla, R., T.T. Cheng and D.M. McClung, 1980. A two©parameter model of snow©avalanche motion. Journal of Glaciology, 26(94), Proceedings of Symposium on Snow and Motion, 12©17 August 1979, Fort Collins, Colorado, 197©207

Perla, R.I. and M. Martinelli Jr., 1980. Manuale delle vallanghe. Edizione italiana di "avalanches handbook" del U.S. Department of Agriculture © Forest Service, Istituto per lo Studio della Neve e della Valanghe, Dipartimento Foreste©Servizio Neve e Valanghe, Regione del Veneto, Torino, 238 pp.

Stethem, C. and R. Perla, 1980. Snow©slab studies at Whistler Mountain, British Columbia, Canada. Journal of Glaciology, 26(94), Proceedings of Symposium on Snow and Motion, 12©17 August 1979, Fort Collins, Colorado, 85©91

Bakkehoi, S., T. Cheng, U. Domaas, K. Lied, R. Perla and B. Schieldrop, 1981. On the computation of parameters that model snow avalanche motion. Canadian Geotechnical Journal, 18(1), February, 121©130. Also © Shear Strength of Rockfill, N. Barton and B. Kjaernsli (Editors), Publikasjon No.136, Norges Geotekniske Institutt, Oslo, Norway, 6

Perla, R., 1981. Some index properties of the mountain snowpack. Atmosphere©Ocean, 15th Annual Congress Canadian Meteorological

and Oceanographic Society, 27©29 May 1981, University of Saskatchewan, Saskatoon, Saskatchewan, abstract/rÅ)ÅsumÅ)Å, 49

Perla, R. and B. Glenne, 1981. Skiing. In © Handbook of Snow: Principles, Processes, Management & Use, D.M. Gray and D.H. Male (Editors), Pergamon Press Canada Ltd., Toronto, Ontario, 709©740

Lachapelle, E.R. and R. Perla, 1982. Wet snow revisited. In © Abstracts and Program, International Snow Science Workshop, Montana State University, Bozeman, Montana, 13©14

Perla, R., 1982. Preparation of section planes in snow specimens. *Journal of Glaciology*, 28(98), 199©204

Perla, R., 1982. Temperature©gradient metamorphism. Abstracts and Program, International Snow Science Workshop, Montana State University, Bozeman, Montana, 7

Perla, R., T.M.H. Beck and T.T. Cheng, 1982. The shear strength index of alpine snow. *Cold Regions Science and Technology*, 6(1), August, 11©20

Perla, R., 1983. The remarkable snow crystal. *Avalanche Review*, Vol.1, 4

Perla, R. and T.M.H. Beck, 1983. Experience with shear frames. *Journal of Glaciology*, 29(103), 485©491

Perla, R. and K. Everts, 1983. On the placement and mass of avalanche explosives: experience with helicopter bombing and preplanted charges. *Annals of Glaciology*, Vol.4, Proceedings of the Second Symposium on Applied Glaciology, 23©27 August 1982, New Hampshire, U.S.A., 222©227

Perla, R., 1984. Correspondence © Avalanche probabilities. *Journal of Glaciology*, 30(105), 256

Perla, R. and E. Lachapelle, 1984. Dilution method for measuring liquid water in snow. Western Snow Conference, 52nd, Annual Proceedings, 17©19 April 1984, Sun Valley, Idaho, 80©85

Perla, R., K. Lied and K. Kristensen, 1984. Particle simulation of snow avalanche motion. *Cold Regions Science and Technology*, 9(3), August, 191©202

Perla, R. and J. Power, 1984. Reviews © Hydrological aspects of alpine and high©mountain areas. Edited by J.W. Glen. Proceedings of the Exeter Symposium organized by the I.A.H.S. International Commission on Snow and Ice with the support of UNESCO. I.A.H.S. Publication 138, 1982, 350 + ix p. US\$30. *Arctic*, 37(1), March, 80

Davis, R.E., J. Dozier, E.R. LaChapelle and R. Perla, 1985. Field and laboratory measurements of snow liquid water by dilution. (Paper 5W0468). Water Resources Research, 21(9), September, 1415©1420

Perla, R., 1985. Avalanche. In © Canadian Encyclopaedia, J.H. Marsh (Editor), Hurtig Publishers Limited, Edmonton, Alberta, 121

Perla, R., 1985. Snow in strong or weak temperature gradients. Part II: Section©plane analysis. Cold Regions Science and Technology, 11(2), September, 181©186

Perla, R. and J. Dozier, 1985. Observations of snow structure. Proceedings, International Snow Science Workshop, 24©27 October 1984, Aspen, Colorado, 182©187

Perla, R. and C.S.L. Ommannay, 1985. Changes in snow structure induced by temperature gradients. Annals of Glaciology, Vol.6, Proceedings of the Symposium on Snow and Ice Processes at the Earth's Surface, 2©7 September 1984, Sapporo, Japan, abstract, 325

Perla, R. and C.S.L. Ommannay, 1985. Snow in strong or weak temperature gradients. Part I: Experiments and qualitative observations. Cold Regions Science and Technology, 11(1), July, 23©35

Perla, R.I., J. Dozier and R.E. Davis, 1986. Preparation of serial sections in dry snow specimens. Journal of Microscopy, 141(1), April, 111©114

Perla, R. and R.A. Sommerfeld, 1986. On the metamorphism, morphology, and microstructure of snow. A Merging of Theory and Practice, Proceedings, International Snow Science Workshop, 22©25 October 1986, Lake Tahoe, California, 98©102

Davis, R.E., J. Dozier and R. Perla, 1987. Measurement of snow grain properties. In © Seasonal Snowcovers: Physics, Chemistry, Hydrology, H.G. Jones and W.J. Orville©Thomas (Editors), NATO ASI Series, Series C: Mathematical and Physical Sciences Vol.211, Proceedings of the NATO Advanced Studies Institute on Chemical Dynamics of Seasonal Snowcovers, 13©25 July 1986, Les Arcs, France, D. Reidel Publishing Co., Dordrecht, 63©74. CITS © Perla, 1978, NHRI Paper 1; Perla, 1982, TOGL 28, 199©204; Perla & Dozier, 1984, Snow Sci. Workshop, 182©187; Perla et al., 1986, J. Micro. 142, 11©114. CS©87018

Dozier, J., R.E. Davis and R. Perla, 1987. On the objective analysis of snow microstructure. In © Avalanche Formation, Movement and Effects, B. Salm and H. Gubler (Editors), IAHS Publication No.162, International Association of Hydrological Sciences, I.U.G.G., 49©59. NHRI Contribution No.87051

Dozier, J., R.E. Davis and R. Perla, 1987. Snow microstructure measurements using stereology. In © Snow Property Measurement Workshop, 1©3 April 1985, Chateau Lake Louise, Alberta, Canada, P.R. Kry (Editor), ACGR Technical Memorandum No.140, Associate Committee on Geotechnical Research, National Research Council of Canada (NRCC 27594), Ottawa, Ontario, April, 59©69. CS©87029

Perla, R., 1987. Annex 7: Internal program review © glaciology and snow. In © National Hydrology Research Institute internal review © glaciology programme: (includes snow but excludes ice in rivers), T.M. Dick (Editor), NHRI Internal Planning Report No.87003i, Surface Water Division, National Hydrology Research Institute, Environment Canada, Saskatoon, Saskatchewan, 17 December, 2 pp. NHRI Internal Planning Report No.87003i

Perla, R., R.E. Davis, J. Dozier and E.R. LaChapelle, 1987. Dilution method for measuring liquid water in snow: field tests in a subalpine snowpack. In © Snow Property Measurement Workshop, 1©3 April 1985, Chateau Lake Louise, Alberta, Canada, P.R. Kry (Editor), ACGR Technical Memorandum No.140, Associate Committee on Geotechnical Research, National Research Council of Canada (NRCC 27594), Ottawa, Ontario, April, 71©78. CS©87040

Sommerfeld, R.A. and R. Perla, 1987. The permeability of snow. EOS, Transactions, American Geophysical Union, 68(44), AGU Meeting, San Francisco, California, 3 November, Abstract, 1271. CS©87044

Perla, R.I., 1988. Avalanche. In © The Canadian Encyclopaedia, Second edition, Volume I: A © Edu, J.H. Marsh (Editor), Hurtig Publishers, Edmonton, Alberta, 153. NHRI Contribution No.88065

Perla, R. and J. Banner, 1988. Calibration of capacitive cells for measuring water in snow. Cold Regions Science and Technology, 15(3), October, 225©231. NHRI Contribution No.88033

Perla, R. and R.A. Sommerfeld, 1988. On the morphology and size of snow crystal. A Merging of Theory and Practice: Proceedings of the International Snow Science Workshop, 12©15 October 1988, Whistler, B.C., Canadian Avalanche Association, 34©36. NHRI Contribution No.88047

Perla, R., 1991. Real permittivity of snow at 1 MHz and 0À\$ºÀC. Cold Regions Science and Technology, 19(2), May, 215©219. NHRI Contribution No.89073

Perla, R., 1992. Five problems in avalanche research. In © Snow Science: Reflections on the Past, Perspectives on the Future, M. Kalitowski and R. Decker (Editors), Proceedings of a Symposium to Honor Ed LaChapelle and Binx Sandahl, 20 April 1991, Center for Snow Science, Alta, Utah, 42©45

