

Contents

Dean Hendrickson	3	Guest Editorial
Doug Panasis	5	Holt Math Bindings
National Council of Teachers of Mathematics	6	A Position Statement on Calculators in the Classroom
Bonnie H. Litwiller and David R. Duncan	7	The Fixed Element Match Problem: An Illustration with Cards
Marlow Ediger	11	Providing for Individual Differences and the Mathematics Curriculum
Stephen L. Snover and Mark A. Spikell	14	$x = \frac{9}{x} - 8,$ A Programmable Calculator Activity
William A. Miller and Donald W. Hazekamp	17	Activities: Calculator Graphing
George W. Bright	21	Ideas
William J. Bruce	27	Instructive Prime Number Reduction Algorithms
	32	PLUS +++
	34	EPIE Analysts Needed
	35	Pre-Christmas Attention-Getters



delta-k is a publication of the Mathematics Council, ATA. Editor: Ed Carriger, R.R.#1, Site 2, Box 3, Bluffton TOC OMO. Publisher: The Alberta Teachers' Association, 11010 - 142 Street, Edmonton T5N 2R1. Editorial and Production Services: Communications Department, ATA. Opinions of writers are not necessarily those of either the Mathematics Council or The Alberta Teachers' Association. Please address correspondence regarding this publication to the editor. *delta-k* is indexed in the Canadian Education Index.

Mathematics Council Executive 1979-80

123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789

<p>President <i>Lyle Pagnucco</i> Res 271-0259 14135 Parkside Drive SE Calgary T2J 3X3</p>	<p>Mathematics Representative <i>Dr. Geoffrey J. Butler</i> Res 435-1433 Dept. of Mathematics Bus 432-3988 University of Alberta Edmonton T6G 2G1</p>
<p>Past President <i>Robert Holt</i> Res 462-1847 4255 - 74 Street Bus 455-2008 Edmonton T6K OW1</p>	<p>ATA Representative <i>C.E. Connors</i> Bus 453-2411 Barnett House ext. 283 11010 - 142 Street Edmonton T5N 2R1</p>
<p>Vice-President <i>Richard J. Kopan</i> Res 271-5240 23 Lake Crimson Close SE Bus 286-5156 Calgary T2J 3K8</p>	
<p>Secretary <i>Dr. Arthur Jorgensen</i> Res 723-5370 Box 2069 Bus 723-3815 Edson TOE OPO</p>	<p>DIRECTORS</p>
<p>Treasurer <i>Donald H. Hinde</i> Res 782-6849 Box 741 Bus 782-3812 Lacombe TOC 1S0</p>	<p><i>Bill R. Gooliaff</i> Res 938-7222 R.R.#2 Bus 246-0771 Okotoks TOL 1T0</p>
<p><i>delta-k</i> Editor and Publicity Chairman <i>Ed Carriger</i> Res 843-6138 R.R.#1, Site 2, Box 3 Bus 843-6528 Bluffton TOC OMO</p>	<p><i>Gary Hill</i> Res 327-5601 1626 Lakeside Road Bus 328-5153 Lethbridge T1K 3G8</p>
<p>Faculty of Education Rep. and Monograph Editor <i>John Percevault</i> Res 328-1259 Faculty of Education Bus 329-2111 University of Lethbridge ext. 257 Lethbridge T1K 3M4</p>	<p><i>Klaus Puhlmann</i> Res 723-2548 Box 1580 Bus 723-4471 Edson TOE OPO</p>
<p>Dept. of Education Rep. <i>Bruce Stonell</i> Res 346-7814 Regional Office of Bus 343-5262 Education 4th Floor, 4814 Ross St. Red Deer T4N 1X4</p>	<p><i>Judy Steiert</i> Res 282-6593 #203, 1608 - 20 Ave. NW Bus 276-7844 Calgary T2M 1G8</p>
	<p><i>Mrs. Hilary Ward</i> Res 346-2739 4529 - 48 Street Bus 346-4397 Red Deer T4N 1S2</p>
	<p><i>Dr. Joan E. Worth</i> Res 482-4532 #1001, 9809 - 110 Street Bus 429-5621 Edmonton T5K 2J9 ext. 262</p>

Permission to use any part of this publication in the classroom is hereby granted, including reproduction. This does not include articles that have been published with permission of author and noted as "not for reproduction."