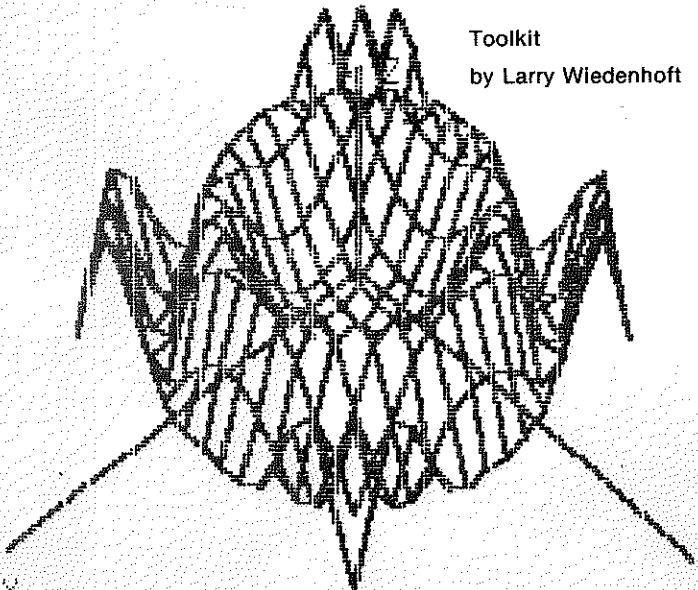
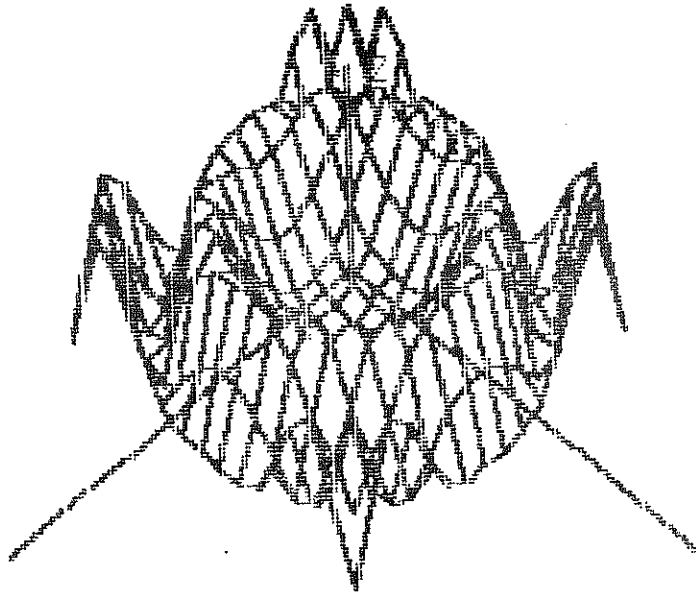


The Annual



Toolkit
by Larry Wiedenhoft

**WASHINGTON
COMMUNITY COLLEGE
MATHEMATICS
CONFERENCE**

MAY 3 and 4, 1985

SUN MOUNTAIN LODGE
Hosted by Shoreline Community College

**1985 WASHINGTON
COMMUNITY COLLEGE
MATHEMATICS
CONFERENCE**

MAY 3 and 4, 1985

Friday May 3

4:00 - 6:00 Registration

6:00 - 7:00 No Host Bar

7:30 - 8:30 Banquet Dinner

8:30 - "Discrete Mathematics
 With, or Versus Calculus"

 Dr. Yves Nievergelt

 St. Olaf College

 Northfield, Minnesota

Saturday May 4

7:30 - 8:30 Breakfast Buffet

8:45 - 9:35 Session I

9:35 - 9:50 Coffee

9:50 - 10:40 Session II

10:40 - 11:00 Coffee

11:00 - 11:50 Session III

11:50 - 12:30 Check Out

12:30 - 2:00 Luncheon

Bellevue C. C.

Anderson, Marilyn
Benzra, Lee
Curnutt, Larry
Hoffman, Dale
Magnuson, Russell
Molvik, Nil
Relf, Jim
Ummel, Debbie

Bellevue,
WA 98007

Central Wa. U.

Cutlip, Fred
Eberly, William
Gamon, Ken
Hinthorn, Steve
Perry, Steve

Ellensburg,
WA 98926

Clark C. C.

Greenwood, Mike
Ransom, Bruce
Watson, Dennis

Columbia Basin C. C.

DiScipio, Thomas
Selvig, Jerry

Pasco,
WA 99301

Eastern Washington U.

Stone, Wesley
Edmonds C. C.

Maly, Barbara

Everett C.C.

Holland, Jerry
Mannsfield, Joyce
Spears, Nancy

Fort Steilacoom C. C.

Davis, Patricia
Johnson, Leighland

Tacoma,
WA 98498

Green River C. C.

Larson, Larry

Highline C. C.

Burke, Ron
Frank, Karen
Hendricks, Ruth
Hogan, Brian
Morris, Ed
Newell, Ed
Plagge, Dick
Walton, Allan
Zengalis, Elmar

S 240th & Pacific Hy S
Midway, WA 98031

Lower Columbia C. C.

Crepin, Dorothy
Vest, Lenore
Wong, Carol

North Seattle C. C.

Hamilton, Earl
Poole, Barbara
Ringen, Vicky
Watts, Harry

9600 College
Way N
Seattle, WA

Olympic College

Dodge, Mike
Mali, Leo
Niven, Scott
Sicks, David
Wettstein, David

16th & Chester
Bremerton,
WA 98310

Pacific Lutheran U.

Dollinger, Michael
Herzog, John
Herzog, Margaret
Peterson, Gary

Tacoma,
WA 98447

Peninsula C. C.

Brauninger, Kent

Saint Olaf College

~~Nievergelt, Yves~~

Seattle Central C. C.

✓ Ray, Janet

1701 Broadway
Seattle
WA 98122

Seattle U.

Chang, Chu
Ehlers, Mary
Guy, Wynne
Mills, Janet
Troy, Alan
Vinson, John
Yandl, Andre

Broadway & Madley
Seattle, WA 98122

Shoreline C. C.

Charlson, Clint
Dyer, Barbara
Ehret, Harold
✓ Hancock, Helen
✓ Hawkins, Betty
✓ Johnson, Bill
Kimble, Dean
Kruck, Marilyn
Parker, Mark
Prydz, Fred
✓ Sanderman, Judy

16101 Greenwood Ave N
Seattle, WA 98133

Skagit Valley C. C.

Anderson, Howard
Huffman, Richard
Indorf, Susan
Moran, Mary

Spokane C. C.

Dimick, Susan

Spokane Falls C. C.

Ainley, Charles
Coffman, Penny
Daugherty, Glen
Glubrecht, Kialynn
Hamilton, Robert
Harras, Barbara
Humphrey, Curtiss
Isham, Gary
Nickoloff, Nick
Willingham, Don

Spokane, WA 99202

Tacoma C. C.

Betz, Joe
Percy, Loyd

Toutle Lake H. S.

Hilliard, Richard

U. P. S.

Lind, Bruce
Ruble, Darlene
Scott, David

Tacoma,
WA 98416

U. of Washington

Davis, Richard
Hoxit, Kathy

Seattle
WA 98195

Washington State U.

Kallaher, Michael
Moody, Michael
Stanton, Barbara

Pullman,
WA 99164

Wenatchee Valley C. C.

Lavinder, Mike
Simon, Hood

Western Wa. U.

Clark, Karen
Duemmel, James
Lehwary, Thomas
Stanton, Barbara

Bellingham,
WA 98225

Whatcom C. C.

Kaplan, Susan

Yakima Valley C. C.

Ayyoub, Ibrahim
Hutchinson, James
Knobel, Roger

✓ Reprints of book mailed
28 April 1986

TIME	METHOW ROOM	SUNNY M ROOM	GAME ROOM
8:45	✓ "Strategies for Women in Mathematics" BETTY HAWKINS (Shoreline CC)	"Cut the Corners" JAMES DUEMMEL (WWU)	"Indeterminant Forms and 'Historical Proofs'" BRUCE RANSOM (Clark CC)
9:35	"What is a Circle?" MIKE GREENWOOD (Clark CC)	"New Directions in CC Math" LARRY CURNUTT (Bellevue CC)	"Gelford - Kirilov Dimension" ✓ THOMAS SCHWARZ (WWU)
9:50	"Symmetry" DAVID SCOTT (UPS)	✓ "Duality: The Other Side of the Problem" MARK PARKER (Shoreline CC)	✓ $\sqrt{909,203,700,718,879,776} = ?$ DENNIS WATSON (Clark CC)
10:40		✓ "Derivative of $y = f(x)^{g(x)}$ " JANET RAY (Seattle Central CC)	"A Model for the Evolution of Egg Laying Strategies" MICHAEL MOODY (WSU)
11:00	✓ "The Karmarkar Method for Solving Linear Programming Problems" MICHAEL DOLLINGER (PLU)	"Some Uses of Knots in Teaching Mathematical Concepts" FRED PRYZD (Shoreline CC)	"Football Arithmetic" WESLEY C. STONE (EWU)
11:50		"Theory of Equations - a Fading Link" KEN GAMON (CWU)	

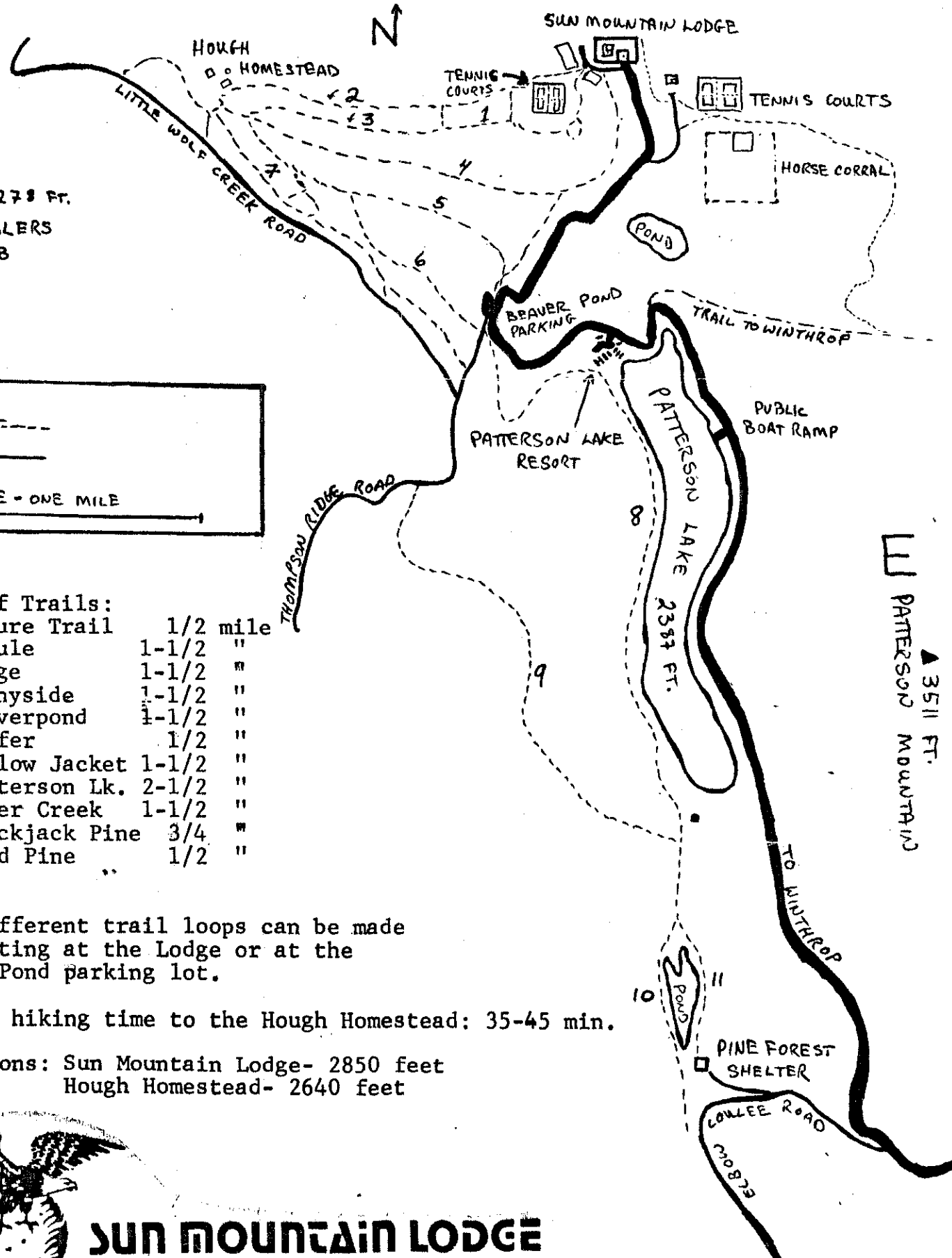
NOTES

The Shoreline Community College Math Faculty have enjoyed organizing the 1985 Washington Community College Math Conference.

North Seattle Community College will be hosting the 1986 Washington Community College Math Conference:

April 25, 26, 1986
Alderbrook Inn Resort

A MAP OF THE HIKING & RUNNING TRAILS



▲ 4278 FT.
GOBBLERS
KNOB

TRAIL
ROAD

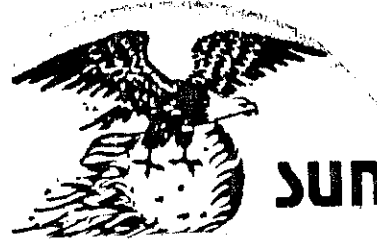
SCALE - ONE MILE

- List of Trails:
- | | |
|--------------------|----------|
| #1 Nature Trail | 1/2 mile |
| #2 Kraule | 1-1/2 " |
| #3 Ridge | 1-1/2 " |
| #4 Sunnyside | 1-1/2 " |
| #5 Beaverpond | 1-1/2 " |
| #6 Heifer | 1/2 " |
| #7 Yellow Jacket | 1-1/2 " |
| #8 Patterson Lk. | 2-1/2 " |
| #9 Rader Creek | 1-1/2 " |
| #10 Blackjack Pine | 3/4 " |
| #11 Pond Pine | 1/2 " |

Many different trail loops can be made by starting at the Lodge or at the Beaver Pond parking lot.

Average hiking time to the Hough Homestead: 35-45 min.

Elevations: Sun Mountain Lodge- 2850 feet
Hough Homestead- 2640 feet



SUN MOUNTAIN LODGE

▲ 3511 FT.
PATTERSON MOUNTAIN

SUN MOUNTAIN FACT SHEET

1. When did Sun Mountain Lodge open? In 1968.
2. How long did it take to build Sun Mountain? 3 years.
3. Why was the specific location on top of Sun Mountain chosen as the best site to build the Lodge? Sun Mountain offered the best view of mountains and valley floor. Also there were no rattle snakes in the vicinity.
4. What is the elevation of Sun Mountain? 3,000 feet.
5. What is the design of Sun Mountain? The goal was to have the Lodge look like a natural outcropping. Natural wood was used. The fireplace rocks, the boulders around the pool and walkways all were gathered right at the site of construction. Gravel in the lodge floor was found locally. As much as possible, all the trees around the Lodge were protected.
6. What kind of fossils are found in the rock walls by the pool? These are marine fossils dating back to when the Methow was under ocean. The clams were preserved when hot lava spilled from the sea bottom, covered the animals, and quickly cooled. Fossil rocks are displayed at poolside & lobby.
7. Where did the parts come from to create the long hanging lamp in the stairwell across from the dining room? a) the long curved tongs are from a hay rake; b) logging saw blades decorate the top; c) chains hanging on the lamp are off a seeder; d) round wheel in the middle is off an old wagon; e) conveying belt located at the top of the lamp is from a manure spreader.
8. How is the Lodge protected against fires? There is a fire truck stationed at Sun Mountain and a person available who can operate the truck at all times.
9. Where does Sun Mountain get its water? Water comes from underground springs deep in Patterson Lake.
10. How is the water pumped to the Lodge? By electric pumps installed in the pump house near Patterson Lake Resort. Water is lifted 500 ft. & pumped one mile.
11. How is sewage handled? Septic tanks.
12. What is Sun Mountain's heating system? Six electric furnaces.
13. How much of the year is the Lodge open? All year, except for one month in the fall.
14. How many units are there? 50, Two of them are suites with a fireplace and a mini refrigerator.
15. How many employees does the Lodge have? 70-75 full and part time.
16. Do the employees live in the Methow Valley? Most are local residents.
17. Is Patterson Lake Resort open all year round? Yes.
18. Some of the best early season fishing around can be found at Patterson Lake Resort.
19. Hiking trail maps are available at the front desk. Everyone should be aware of what the maps show.
20. Winter trails: 50 miles of trails for cross-country skiing are marked; 30 miles are groomed with a special snowmobile track setter. These trails include the hiking trails listed and many more. Map of trails are available at the front desk.
21. SUN MOUNTAIN WILDLIFE: Bald Eagles winter along the rivers in the valley; Golden Eagles have the Eagle's Nest Lounge named after a pair that nest near the Lodge; Blue Grouse arrive in spring; Western Red Shafted Flickers (woodpeckers) are heard pecking the wood; Pacific Beaver have constructed the dam which created the Beaver Pond; Weasels are brown in summer and snow white in winter except for the tip of their tail which is black; Mule Deer abound; also, White-Tailed Deer, Cougar, Black Bears, and lots of coyotes and porcupines; a Birds of Sun Mountain ID book is available at the front desk for \$2.00 per copy.
22. When is fishing season? Year round. Check with Washington State Game Department since the season changes every year.
23. You should be aware of the mountains in the area: Mt. Gardner, 8,897'; Thompson Ridge; Virginia Ridge; Rendezvous Mountain; Goat Peak, 7,019'; Mt. Tiffany, 8,242' and Hart's Pass, 6,109'. (the only one not visible from the Lodge).
24. Precipitation averages 15" per year, mostly in the form of snow; Snowfall averages 3-4 feet;.
25. When was the North Cascades Highway built? Opened Sept. 2, 1972.
26. Population of the valley is about 3,000 which includes the area north of the town of Methow and south of Lost River (north of Mazama).
27. The town of Winthrop originated in 1891 when the first store was built. In 1972, Winthrop got its western style of architecture.