

SERVICE

GEAR SOFTWARE FOR PC's

* GEAR MANUFACTURING

- . Change gear selection
- . Gear calcs: overpin, span, more
- . Reverse engineering, hob-to-gear
- . Full form grinding software

* GEAR GEOMETRY

- . Mating form generation: racks, worms, gears on parallel or crossed axes—exact 3D math
- . Form modifications on gear teeth
- . Compatible with most CAD systems

* GRAPHICS

- . Screen graphics: zoom, pan, more
- . Plotter graphics

SOFTWARE ENGINEERING SERVICE



2801 Ridge Avenue
Rockford, IL 61103

FAX/Phone (815) 963-1760

CIRCLE A-28 on READER REPLY CARD

Ground Gear Specialists

- Reishauer RZ300E gear grinders
- Manufacturing spur, helical, and pump gears
- To AGMA class 15 with crowning
- Nital etch inspection
- Charting available



941 Military Rd., Buffalo, NY 14217
Phone: (716) 874-3131 Fax: (716) 874-9003

CIRCLE A-29 on READER REPLY CARD



SPIRAL BEVEL GEARS

- * Range up to 16 mod - 850 mm dia.
- * Machine with special large spindle bore 8"
- * Small batch quantity
- * Early delivery
- * Angular spiral bevels
- * Formate cutting of large diameter gears for prototype
- * Redesign of spiral systems available
- * Maintenance requirement can be made from your samples
- * Can make drawing from sample

CALIFORNIA BEVEL GEARS INC.

1660 Mabury Road
San Jose, CA 95133
408-258-7212
fax 408-258-7335
Sales reps wanted

CIRCLE A-30 on READER REPLY CARD



CALENDAR

Shows and Conferences

NOVEMBER 19-21

Design/West Plant/West. Anaheim Convention Center, Anaheim, CA. Largest plant and design engineering exposition in California. It will encompass OEM products, services, and computer design systems, as well as products and services for manufacturing facilities. For more information, contact Dan Belmont, Show Manager, (203) 352-8372.

NOVEMBER 24-26

JSME International Conference on Motion and Power Transmissions. Hiroshima, Japan. This conference covers all aspects of motion and power transmission systems theory and applications. For more information contact: Prof. Aizoh Kubo, Dept. of Precision Mechanics, Kyoto University, Kyoto, 606 Japan, FAX: (Japan) 75-771-7286. TELEX: 5423115 ENG KU J.

DECEMBER 4-6

University of Wisconsin-Milwaukee. Three-day seminar on "Fundamentals of Gear Design." For engineers who design or specify gears or gear drives, maintenance and process engineers, systems designers, and purchasing agents. Contact Richard G. Albers, Center for Continuing Engineering Education, U W-M, (414) 227-3125.

FEBRUARY 12-14, 1992

3rd World Congress on Gearing and Power Transmissions. Palais de Congrès, Paris, France. Sponsored by major international organizations in

the power transmission field and in the U.S. by AGMA and ASME-GRI. Topics include gear geometry, wormgears, transmission elements, chains, lubrication, materials, noise and vibration, testing, and applications. Contact: MCI (CMET) Tel: 33 1 42.94.27.67. FAX: 33 1 42.93.29.67.

APRIL 5-7, 1992

AGMA's 20th Gear Manufacturing Symposium. Indianapolis, IN. Seminars on numerous aspects of gear manufacturing and design. For more information, contact AGMA Headquarters, 1500 King St., Suite 201, Alexandria, VA 22314. Phone: (703) 684-0211 or FAX: (703) 684-0242.

APRIL 13-16, 1992

CIMEdesign '92. COBO Hall, Detroit, MI. Computer-Integrated Manufacturing and Engineering Design Exposition and Conference. This is the first major event devoted exclusively to computer systems for engineering design and manufacturing. Twenty-four tutorials and series of full-day courses for mechanical design and manufacturing engineers. Sponsored by ASME. For more information, contact: Joe Baxter, CIME/design, PH: (215) 444-9690 or FAX (215) 444-9583.