

Cyclo System Also New Technology

As always, I enjoyed reading your magazine. It was interesting and enjoyable to read your article about Mr. E. K. Buckingham, who I highly regard as an exceptional authority in the field of gearing in the U.S. His views sometimes do not conform with mainstream practices, opinions and standards as represented by AGMA. I strongly believe it is important to have individuals like him to avoid viewing things too one-sidedly.

I was somewhat disappointed that, according to your article, Mr. Buckingham says "only two new technologies come directly from the gear industry in the last 50 years," namely the Spiroid system and Novikov-Wildhaber gearing.

These two developments are certainly significant. However, I feel that the CYCLO gear system is a much more important new technology. Next to the numerous unique technical and practical advantages of this gear system, no other could achieve a real, economic success in the last 50 years. The CYCLO system, however, became the backbone of close to a billion-dollar gearbox/gear motor industry and is the only significant competitive system to classical involute spur/helical gears.

It is also odd that AGMA is not interested in devoting attention to this system. It seems to me sometimes that the classical gear manufacturers hope: "If we ignore the CYCLO system, it will go away." However, the CYCLO system is being continuously updated, refined and is gaining market share worldwide.

Gerhard Antony, PhD.
Vice President,

Sumitomo Machinery Corp. of America

The Kish Hunting Mesh Method

The Kish method for determination of hunting mesh, (Vol. 14, No.4) looks remarkably like Euclid's algorithm for finding the greatest common divisor of two numbers. Euclid invented his algorithm some 2,300 or so year ago, and here it is in your latest issue, still being useful.

Jules Kish is an estimable engineer, and I am more than glad to call it, as you do, the Kish method, but I think that Euclid deserves at least a nod and, from me, a wink when I do so.

Ron Mosier
Applied Mathematician
Chrysler Corp.

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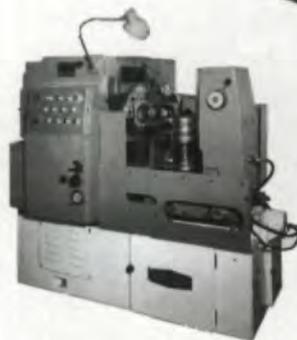
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