DISCUSSION

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Authors and readers of the present paper may be interested in additional references to similar work carried out in the past at Cornell University. Fisher [12] designed and developed an experimental rig similar to the present one for the study of *circular* squeeze films under periodic loading. Using the same equipment Rodrigues [13] performed a series of experiments and compared the results with a continuity-based cavitation model.

Both theory and experiment were simplified by the circular geometry, though neither solutions nor results necessarily exhibited polar symmetry throughout the cycle.

Additional References

12 "The Design and Development of an Electrohydraulic Servomechanism for the Study of Squeeze-Film Cavitation," Fisher, D. K., M.S. thesis, Cornell University, June 1967.

13 Rodrigues, A. N., "An Analysis of Cavitation in a Circular Squeeze Film and Correlation with Experimental Results," Ph.D. thesis, Cornell University, June 1970.

Authors' Closure

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