# TABLE OF CONTENTS

LECTURES ........................................................................................................ 1

MODERN CAVITATION CRITERIA FOR CENTRIFUGAL PUMPS .......................... 3
  S. Gopalakrishnan, Manager of Research and Development,
  Byron Jackson Pump Division, Borg-Warner Industrial Products, Incorporated,
  Long Beach California

A SOLUTION FOR VARIABLE SPEED VERTICAL PUMP VIBRATION PROBLEMS ........ 11
  Malcolm E. Leader, Senior Engineer, Central Engineering Division,
  Monsanto Company, Texas City, Texas

FORCES ON CENTRIFUGAL PUMP IMPELLERS .............................................. 21
  Belgacem Jery, Graduate Student, Christopher E. Brennen, Professor,
  Thomas K. Caughey, Professor, and Allan J. Acosta, Professor,
  Division of Engineering and Applied Science, California Institute of Technology,
  Pasadena, California

EXPERIMENTAL STUDY OF THE INFLUENCE OF BACKFLOW
CONTROL ON PUMP HYDRAULIC-MECHANICAL INTERACTION ....................... 33
  Paul J. Kasztejna, Supervising Design Engineer, Charles C. Heald, Engineering Manager,
  Engineered Pump Division, Phillipsburg, New Jersey, and Paul Cooper,
  Senior Staff Researcher, Research Center, Ingersoll-Rand Company, Princeton, New Jersey

SCREW PUMPS OF ONE, TWO AND THREE SCREW DESIGN ............................. 41
  Joachim Wegener, Department Head, Screw Pump Development,
  and Walter E. Cozza, Manager, Projects Department, Allweiler AG,
  Radolfzell Works, Radolfzell, West Germany

PUMP SELECTION AND APPLICATION IN A PRESSURIZED
WATER REACTOR ELECTRIC GENERATING PLANT ......................................... 47
  David M. Kitch, Principal Engineer, Plant Engineering Division,
  Westinghouse Electric Corporation, Pittsburgh, Pennsylvania

CRITICAL SPEED ANALYSIS OF AN EIGHT-STAGE CENTRIFUGAL PUMP .............. 59
  Kenneth E. Atkins, Project Engineer; James D. Tison, Senior Project Engineer;
  J. C. (Buddy) Wachel, Manager of Engineering,
  Engineering Dynamics, Incorporated, San Antonio, Texas

FLOW PATTERNS CAUSING INSTABILITIES IN THE PERFORMANCE CURVES OF
CENTRIFUGAL PUMPS WITH VANED DIFFUSERS ........................................... 67
  Peter Hergt, Head, Central Department for Hydraulic Research and Development,
  and Jörg Starke, Head, Department of Fluid Dynamics, Klein, Schanzlin & Becker AG,
  Frankenthal, West Germany

THE PREDICTION OF BEARING LUBRICANT TEMPERATURES
AND COOLING REQUIREMENTS FOR A CENTRIFUGAL PUMP ......................... 77
  Charles A. Cappelino, Analysis Engineer, and James C. Osborne,
  Supervisor, Product Development, Engineered Products Division,
  Goulds Pumps, Incorporated, Seneca Falls, New York

A POWERFUL APPLICATION AND TROUBLESHOOTING METHOD FOR MECHANICAL SEALS .... 85
  Thomas P. Will, Jr., Senior Staff Engineer, Exxon Research and
  Engineering Company, Florham Park, New Jersey

SPECIAL PAPERS ............................................................................................. 91

FLOW FIELD INVESTIGATION FOR A SERIES OF RIGHT ANGLE
MINIMUM AXIAL DEPTH PUMP INTAKES ..................................................... 93
  Joseph H. G. Howard, Professor of Mechanical Engineering,
  University of Waterloo, Waterloo, Ontario, Canada, and Paul Hermann, Chief,
  Turbomachinery Research Engineering, Sundstrand Aviation Operations,
  Rockford, Illinois
### TECHNICAL FEATURES OF LARGE VERTICAL CONCRETE VOLUTE PUMPS
Richard Canavelis, Head, Hydraulics Department; Jean-Pierre Daux, Head, Drawing and Mechanics Department; François d’Inca, Head, Erection Department; Jean-Louis E. Bloch, Commercial Manager, Bergeron S.A., Paris, France

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### TUTORIAL SESSIONS

#### RELIABILITY IMPROVEMENT IN MECHANICAL SEALS

- RELIABILITY IMPROVEMENT IN MECHANICAL SEALS—ANALYSIS OF DESIGN CONSIDERATIONS
  - Heinz P. Bloch, Senior Engineering Associate, Exxon Chemical Company, Baytown, Texas, and Wolfgang Schuebl, Vice President and General Manager, Burgmann Seals America, Houston, Texas

- REVERSE INDICATOR ALIGNMENT METHODS
  - Charles Jackson, Distinguished Fellow, Monsanto Company, Texas City, Texas

#### PANEL SESSION

- PUMP RELIABILITY PROBLEMS: MANUFACTURER VS. USER RESPONSIBILITY
- DISCUSSION LEADERS
- SPECIAL EVENTS SPEAKERS
- PUMP SYMPOSIUM ADVISORY COMMITTEE
- EXHIBITORS
- TURBOMACHINERY LABORATORIES STAFF
- TURBOMACHINERY LABORATORIES STAFF