

1. Record Nr.	UNINA990002019010403321
Autore	Yasumatsu, Keizo
Titolo	Some analyses of the growthg of insects, with special reference to a plasmid, Phraortes kumatoensis Shiraki(orthoptera). / Keizo Yasumatsu
Pubbl/distr/stampa	s.l. : s.e., 1946
Descrizione fisica	577 p. ; 25 cm
Collana	Journal of the Departmentof Agriculture, Kyusyu Imperial University ; 8.1
Disciplina	595.724
Locazione	DAGEN
Collocazione	61 IV D.4/59
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910555060703321
Autore	Perez Robert X.
Titolo	Pump wisdom : essential centrifugal pump knowledge for operators and specialists / / Robert X. Perez
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , [2021] ©2021
ISBN	1-119-74823-2 1-119-74824-0 1-119-74819-4
Edizione	[Second edition.]
Descrizione fisica	1 online resource (275 pages)
Disciplina	621.69
Soggetti	Pumping machinery Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Preface -- Chapter 1 Principles of Centrifugal Process Pumps -- Pump Performance: Head and Flow -- Operation at Zero Flow -- Impellers and Rotors -- The Meaning of Specific Speed -- Process Pump Types -- Process Pump Mechanical Response to Flow Changes -- Recirculation and Cavitation -- The Importance of Suction Specific Speed -- What We Have Learned -- References -- Chapter 2 Pump Selection and Industry Standards -- Why Insist on Better Pumps -- ANSI and ISO vs. API Pumps -- What We Have Learned -- References -- Chapter 3 Foundations and Baseplates -- Securing Pumps in Place - With One Exception -- Why Not to Install Pump Sets in the As-Shipped Condition -- Conventional vs. Prefilled Baseplate Installations -- Epoxy Prefilled Baseplates -- How to Proceed If There Is No Access to Specialist Firms -- What We Have Learned: Checklist of Foundation and Baseplate Topics -- References -- Chapter 4 Piping, Stationary Seals, and Gasketing -- Pipe Installation and Support -- Sliding Supports and Installation Sequence Deserve Special Attention -- Monitoring Pipe Stress While Bolting Up -- Flange Leakage -- What to Do Prior to Gasket Insertion -- Spiral Wound and Kammprofile

Gaskets -- Pipe, Hydraulic Tubing or Flexible Connections? --
Gusseting -- Concentric vs. Eccentric Reducers -- Vibration Problems
in Piping -- Proven Ways to Control Piping Vibration -- Addressing
Piping Vibration Issues -- Small Bore Piping Issues -- What We Have
Learned -- References -- Chapter 5 Rolling Element Bearings --
Bearing Selection Overview and Windage As a Design Problem -- Radial
vs. Axial (Thrust) Bearings -- Oil Levels, Multiple Bearings and Different
Bearing Orientations -- Upgrading and Retrofit Opportunities --
Bearing Cages -- Bearing Preload and Clearance Effects -- Bearing
Dimensions and Mounting Tolerances.
What We Have Learned -- References -- Chapter 6 Lubricant
Application and Cooling Considerations -- Lubricant Level and Oil
Application -- Issues with Oil Rings -- Pressure and Temperature
Balance in Bearing Housings -- Cooling Not Needed on Pumps
with Rolling Element Bearings -- Oil Delivery by Constant Level
Lubricators -- Black Oil -- Lubricant Application As Oil Mist (Oil Fog) --
Desiccant Breathers and Expansion Chambers -- What We Have Learned
-- References -- Chapter 7 Lubricant Types and Key Properties --
Lubricant Viscosities -- When and Why High Film Strength Synthetic
Lubricants Are Used -- Lubricants for Oil Mist Systems -- What
We Have Learned -- References -- Chapter 8 Bearing Housing
Protection and Cost Justification -- Noncontacting Bearing Protector
Seals -- Contacting Bearing Protector Seals -- How Venting
and Housing Pressurization Affect Bearing Protector Seals -- Cost
Justification Overview -- Advanced Bearing Housing (Bearing Protector
Seal) Summary -- What We Have Learned -- References -- Chapter 9
Mechanical Sealing Options for Long Life -- Still Using Packing? --
General Overview of Mechanical Seals -- All Flush Plans Have
Advantages and Disadvantages -- Always Obtain the Full Picture --
Seal Chamber Pumping Ring (Circulating Device) Technologies --
Lessons Apply to Many Services -- What We Have Learned --
References -- Chapter 10 Pump Operation -- Starting Centrifugal
Pumps -- Surveillance of Pump Operation -- Optimum Pump Switching
Interval -- Centrifugal Pump Shutdown -- Addressing Post Start-up
Issues -- Avoiding Parallel Pump Operating Problems -- What We Have
Learned -- References -- Chapter 11 Impeller Modifications and Pump
Maintenance -- Maintenance Essentials -- Superior Maintenance
Requires Upgrading -- Impeller Upgrading with Inducers -- Distance
from Impeller Tip to Stationary Internal Casing Components.
Impeller Trimming -- Impeller Wear Rings -- Vane Tip Overfiling
and Underfiling -- Carbon Graphite Wear Rings and Bushings -- What
We Have Learned -- References -- Chapter 12 Lubrication Management
-- How Bad Is Water Contamination? -- Avoid Solids Contamination --
Avoid Questionable Oil Storage and Transfer Practices -- Periodic
Audits -- What We Have Learned -- References -- Chapter 13 Pump
Condition Monitoring: Pump Vibration, Rotor Balance, and Effect on
Bearing Life -- Vibration and Its Effect on Bearing Life -- Monitoring
Methods Differ -- Vibration Acceptance Limits -- Causes of Excessive
Vibration -- Rotor Balancing -- What We Have Learned -- References
-- Chapter 14 Drivers, Couplings, and Alignment -- Driver Selection --
Coupling Selection and Installation -- Installation and Removal --
Alignment and Quality Criteria -- Consequences of Misalignment --
Thermal Rise and Predefinition of Growth -- What We Have Learned --
References -- Chapter 15 Fits, Dimensions, and Related
Misunderstandings -- Low Incremental Cost of Better Pumps -- Pump
Pedestals and Bearing Housings Should Not Be Water-Cooled --
Summary of Bearing-Related Issues -- Constant Level Lubricators --
Bearing Housing Protector Seals ("Bearing Isolators") -- Motor

Lubrication Summary -- Mechanical Seal Issues -- Hydraulic Issues --
Impeller Hydraulics -- Mechanical Improvement or Upgrade Options --
Process Pump Repair Dimensions -- What We Have Learned --
References -- Chapter 16 Using Failure Statistics and Root Cause
Analysis Findings to Guide Reliability Improvement Efforts -- Mean-
Time-Between Failures and Repair Cost Calculations -- Performing
Your Own Projected MTBF Calculations -- Older Pumps vs. Newer
Pumps -- Reliability Reviews Start Before Purchase -- Structured Failure
Analysis Strategies Solve Problems -- The "FRETT" Approach to
Eradicating Repeat Failures of Pumps.
Analyzing Pump Failure Data -- Why We Use Reliability Tools --
Cumulative Failure Trends -- Addressing Pump "Bad Actors" -- What
We Have Learned -- References -- Chapter 17 Repair, Replace, or
Modify? -- Repair or Replace? -- Repair and Spare Part Philosophies --
Making the Business Case for Centrifugal Pump Upgrades -- Payback
Time Examples -- Example 17.1 -- Example 17.2 -- Some Final Advice
on Upgrades -- Centrifugal Pump Hydraulic Rerates -- Rerate Case
Study -- Replacing Existing Pump with an Entirely Different Model
Pump -- What We Have Learned -- References -- Chapter 18
Centrifugal Pump Monitoring Strategies -- Pump Monitoring
Recommendations Based on Criticality -- How to Use This Matrix --
Example 18.2: High Production Impact (Follow dashed arrows in Table
18.3) -- A Survey of Vibration Sensors -- Wireless Sensors -- Wired
Sensors with Dynamic Outputs -- Wired Loop-Powered Vibration
Transmitters with 4-20 mA Outputs -- Evaluating Sensor Information
-- Vibration Monitoring Analysis Requirements -- More on Sensor
Technology -- What We Have Learned -- References -- Chapter 19
Final Thoughts -- Index -- EULA.

3. Record Nr.	UNISALENTO991000497699707536
Autore	Cherubini, Umberto
Titolo	Copula methods in finance / Umberto Cherubini, Elisa Luciano, and Walter Vecchiato
Pubbl/distr/stampa	Hoboken, NJ : John Wiley & Sons, c2004
ISBN	0470863447
Descrizione fisica	xvi, 293 p. : ill. ; 26 cm
Collana	Wiley finance series
Classificazione	AMS 91B28 LC HG106.C49
Altri autori (Persone)	Luciano, Elisaaauthor Vecchiato, Walter
Disciplina	332.01519535
Soggetti	Finance - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. [281]-287 and index