

Technology and Management TEMA

TEMA®

This database contains references with abstracts, keywords and descriptors on technology and management.

It provides information from German and international scientific and practical technical literature like journals, conference proceedings, reports, dissertations, as well as non-conventional literature. TEMA® comprises the databases DOMA® Mechanical and Plant Engineering, ZDE Electrical Engineering, Electronics and Information Technology, ENTEC Energy Technology, WEMA® Materials, TOGA® Textile Technology, MEDITEC Medical Engineering, BERG Mining INFODATA Information Science, TEMotive Electric Mobility, PRINT Printing Technology and BEFO Management and Organisation.

The abstracts are in German and/or English. The search may be conducted with German or English terms.

- **Mechanical and Plant Engineering**

Machine tools, chip-type machining processes, forming processes, computer-aided technologies (Cax), positive displacement machines, turbomachinery, combustion engines, automotive engineering, mechanical transmissions, machine components and accessories, tribology, pneumatics, hydraulics, materials handling technology, robots, mechatronics, heating, ventilation and air conditioning, refrigeration, printing machines, processing machines

- **Electrical Engineering, Electronics and Information Technology**

Data processing, communication engineering, electronics and microelectronics, measurement, testing, control, regulation and automation

- **Energy Technology**

Energy sources, energy conversion, energy and power plant engineering, energy storage, energy saving, energy transportation, electricity industry

- **Materials**

Steel and iron alloys, non-ferrous metals, special metals, non-metallic inorganic materials, polymers, composite materials, derived timber products, construction materials, biomaterials, coatings

- **Textile Technology**

Manufacturing of textiles, clothing industry, textile chemistry, fibers, fiber production, functional textiles, technical textiles, clothing

- **Medical Engineering**

Biomedical imaging, prostheses and rehabilitation engineering, optometry, dental technology, occupational health, clinical engineering



- **Mining**
Mining, tunnelling, mine ventilation, ocean mining, mine-surveying, rock mechanics, soil mechanics, damage due to mining, exploration, oil drilling, natural gas drilling, land reclamation, contaminated sites, soil decontamination, water purification
- **Management and organisation**
Business management, legislation, finance, markets, economics, research and development
- **Printing Technology**
Prepress, Printing processes and printing machines, Quality control, 3D-Printing, Printing ink and paper, Electronic publishing, Business management, workflow management, Environment protection
- **Information Science**
Literature documentation, specialist information databases and information systems, information placement, information management, publishing, electronic publishing, new media and communication technologies, Artificial Intelligence

File Data

Number of records: more than 6.320.712

Years covered: from 1968

Update: weekly

