

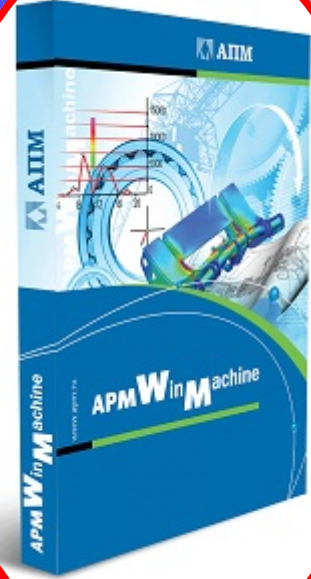
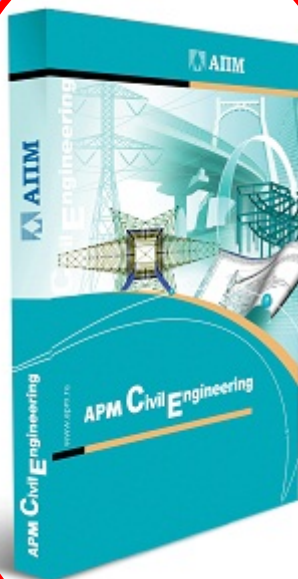


**APM EMA
APM ECA
APM FGA**

SCIENTIFIC-TECHNICAL CENTER

**APM MULTIPHYSICS
APM STRUCT FEM
APM WINMACHINE**

- **APM CIVIL ENGINEERING**
- **APM WINMACHINE**
- **APM TEACHING AIDS**
- **APM PRESENTATION**
- **CERTIFICATE OF REGISTRATION**
- **CLIENT EXPERIENCE**



APPLICATION AREA

**AGRICULTURE INDUSTRIES
AUTOMATION INDUSTRIES
CONSTRUCTION INDUSTRIES
TEXTILE INDUSTRIES
GARMENT INDUSTRIES
MACHINE BUILDING INDUSTRIES
BULK HANDLING INDUSTRIES
MINERAL PROCESSING
AUTOMOBILE INDUSTRIES
DEM INDUSTRIES
PRINTING INDUSTRIES
PACKAGING INDUSTRIES
PLASTIC INDUSTRIES
RUBBER INDUSTRIES
TESTING MACHINE INDUSTRIES
SPACE INDUSTRIES
MARINE/SHIP BUILDING INDUSTRIES
CHEMICAL PLANT ENGINEERING
THERMAL PLANT ENGINEERING
FOOD PROCESSING INDUSTRIES
OIL - GAS INDUSTRIES
EFFLUENT TREATMENT INDUSTRIES
WATER TREATMENT INDUSTRIES
NUCLEAR EQUIPMENT INDUSTRIES
ALLIED EQUIPMENT INDUSTRIES**

PROJECT CIVIL

- **BUILDING**
- **STEEL STRUCTURES**
- **REINFORCED CONCRETE**
- **REINFORCED MASONRY**
- **WOODEN STRUCTURES**
- **BRIDGE ENGINEERING.**
- **RACK DESIGN**
- **TRANSLUCENT CONSTRUCTIONS**
- **DESIGN (KM, KMD).**
- **EXAMINATION OF COLLAPSE**

PROJECT ENGINEERING

- **ENGINEERING**
- **HANDLING EQUIPMENT**
- **ROAD AND RAIL TRANSPORT**
- **AIRCRAFTS**
- **ENGINEERING DESIGN**
- **CALCULATION FOR NUCLEAR POWER PLANTS**
- **CALCULATION OF SEISMIC EQUIPMENT**
- **CALCULATION OF PIPELINES**
- **OTHER PROJECTS**





APM Structure3D

APM MULTIPHYSICS 16V

APM Base

- **APM Section Data**
- **APM Mechanical Data**
- **APM Material Data**

APM Graph

APM Studio

APM Joint

APM Trans

APM Shaft

APM Bear

APM Drive

APM Spring

APM Screw

APM Cam

APM Plain

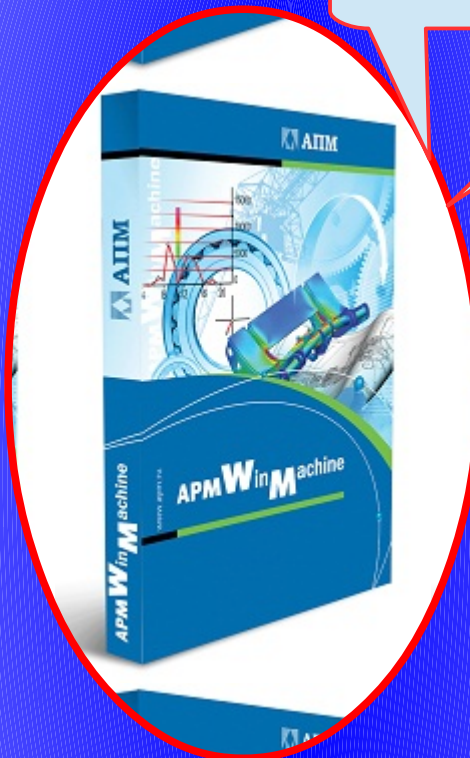
APM Dynamics

Batch Structure3D

APM FGA

APM EMA

APM ECA





APM Structure3D

APM WINMACHINE 16V

APM Base

- **APM Section Data**
- **APM Mechanical Data**
- **APM Material Data**

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APM Studio

APM Joint

APM Trans

APM Shaft

APM Screw

APM Bear

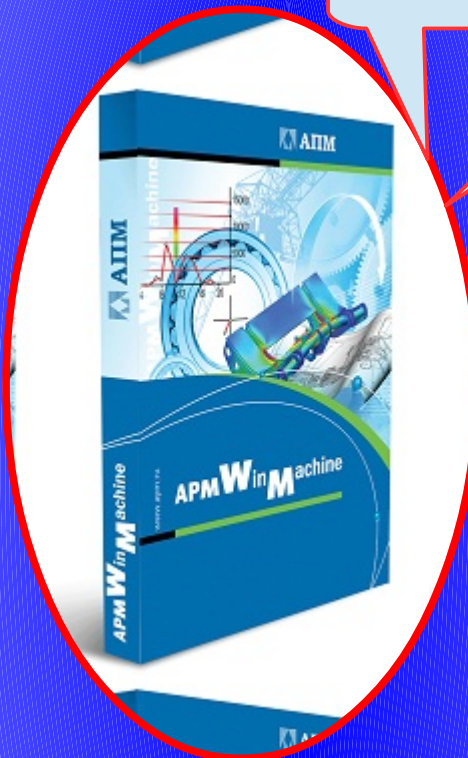
APM Cam

APM Drive

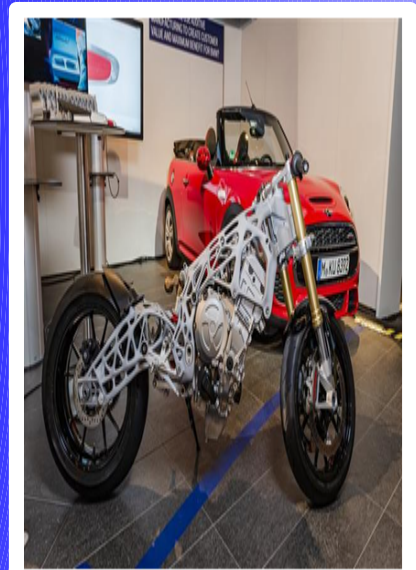
APM Plain

APM Spring

APM Dynamics



Batch Structure3D





- **APM Mechanical Data**
- **APM Material Data**

APM MECHANIC 16V

APM Base

APM Graph

APM Joint

APM Trans

APM Shaft

APM Bear

APM Drive

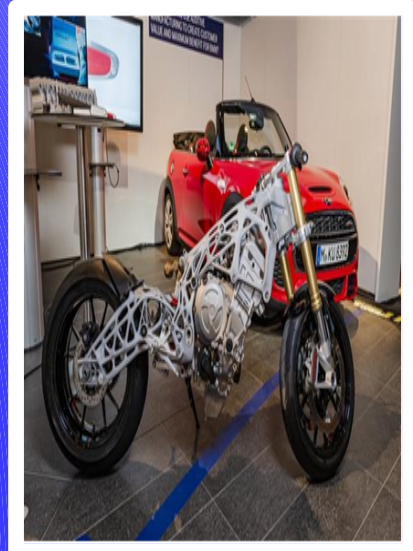
APM Spring

APM Screw

APM Cam

APM Plain

APM Dynamics





APM STRUCTURE3D - THE MODULE FOR CALCULATING THE STRESS-STRAIN STATE, STABILITY, OWN AND FORCED OSCILLATIONS OF PARTS AND STRUCTURES BY THE FINITE ELEMENT METHOD



APM GRAPH - A FLAT PARAMETRIC DRAWING AND GRAPHICS EDITOR WITH A TOOL FOR CALCULATING DIMENSIONAL CHAINS



APM STUDIO - PRE- AND POSTPROCESSOR FOR CREATING MODELS FOR STRENGTH (FINITE ELEMENT ANALYSIS) WITH THE ABILITY TO IMPORT STEP FILES



APM JOINT - MODULE FOR CALCULATING AND DESIGNING CONNECTIONS OF MACHINE ELEMENTS



APM TRANS IS A MODULE FOR CALCULATING AND DESIGNING MECHANICAL ROTATION TRANSMISSIONS



APM SHAFT - MODULE FOR CALCULATING AND DESIGNING SHAFTS AND AXES



APM BEAR IS A MODULE FOR CALCULATING AND DESIGNING ROLLING BEARING UNITS, TAKING INTO ACCOUNT THEIR ACCURACY CLASS



APM DRIVE - AUTOMATED DESIGN MODULE FOR ROTARY MOTION OF ARBITRARY STRUCTURE



APM SPRING - MODULE FOR CALCULATING AND DESIGNING ELASTIC ELEMENTS OF MACHINES



APM CAM - MODULE FOR CALCULATING AND DESIGNING CAM MECHANISMS



APM PLAIN - MODULE FOR CALCULATING AND DESIGNING SLIDING BEARINGS



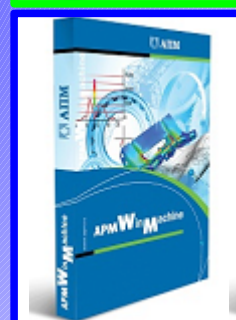
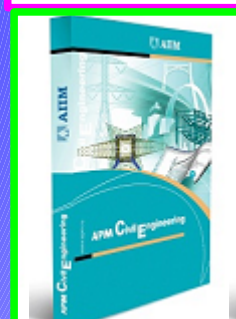
APM SCREW - THE MODULE FOR CALCULATING NON-IDEAL HELICAL GEARS (SLIP, BALL AND PLANETARY-SCREW)

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SCIENTIFIC-TECHNICAL CENTER

APM DYNAMICS - MODULE FOR KINEMATIC ANALYSIS OF LINKAGE MECHANISMS

APM BASE - MODULE FOR CREATING AND EDITING DATABASES

APM FGA - MODULE FOR AUTOMATED ANALYSIS OF FLUID AND GAS MECHANICS

APM EMA - MODULE FOR CALCULATING ELECTROMAGNETIC FIELDS

APM ECA - MODULE FOR CALCULATING ELECTRICAL CIRCUITS

APM SECTION DATA - DATABASE OF PARAMETRIC SECTIONS

APM MECHANICAL DATA - DATABASE OF GRAPHIC INFORMATION OF STANDARD PARTS AND ASSEMBLIES, REFERENCE DATA ON ENGINEERING

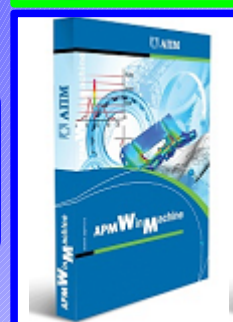
APM MATERIAL DATA - MATERIAL PARAMETERS DATABASE

BATCH STRUCTURE3D - APM STRUCTURE3D BATCH ENGINE

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- **POLYTECHNIC COLLEGE**
- **ENGINEERING COLLEGE**
- **RESEARCH INSTITUTION**

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- **PRODUCT INDUSTRIES**
- **PROCESS INDUSTRIES**