



INDUSTRY

PAVIATH INTEGRATED SOLUTION

MECHANISM

AUTOMOBILE

AUTOMOBILE PROFESSIONAL 2

Paviath ONLINE

◆ MECH ALLIED ◆ AUTOMOBILE ENGINEERING ◆ INDUSTRY ◆ TRAINING



#### VEHICLE BODY

DIFFERENT ASPECTS OF CAR BODY AND BUS BODY. TYPES. COMMERCIAL VEHICLE. ROLE OF VARIOUS AERODYNAMIC FORCES AND MOMENTS. CAR BODY DETAILS. BUS BODY DETAILS. COMMERCIAL VEHICLE DETAILS. VEHICLE AERODYNAMICS. BODY MATERIALS. TRIM MECHANISMS AND BODY REPAIR



#### SOFTWARE

- ◆ APM WINMACHINE (MULTIPHYSICS)
- ◆ KOMPAS 2D/3D/PDM/BOM
- ◆ VARICAD 2D/3D/PDM/BOM
- ◆ SAM (MECHANISM DESIGN)
- ◆ SALTIRE SOFTWARE
- ◆ DOCUMENTATION & PRINTING

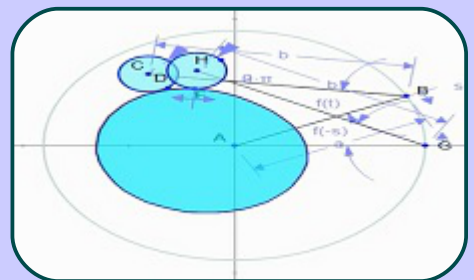
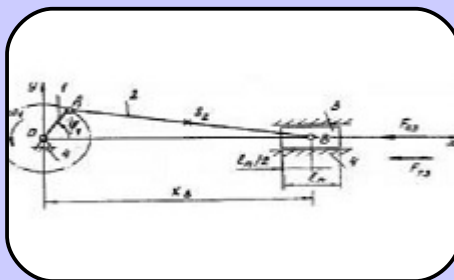
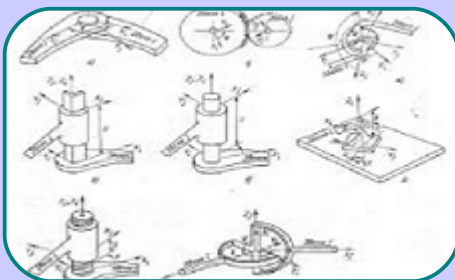
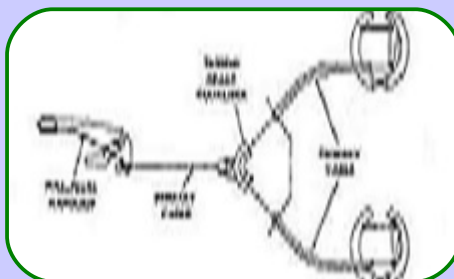
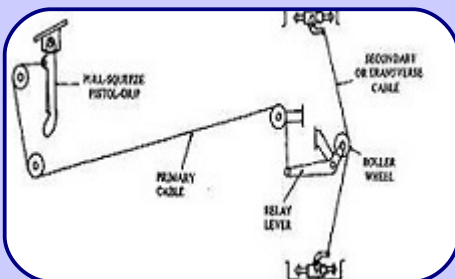
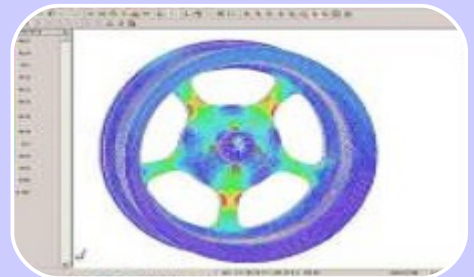


KONSTRUKTIVEGETRIEBELEHRE - NEIL SCLATER - WILEY - DMAGL - I. I. ARTOBOLSKY  
MECHANISM DESIGN: ANALYSIS AND SYNTHESIS  
PLANETENMISCHER MIT DYNAMISCH GETRIEBENEN MISCHARMEN

#### VEHICLE DYNAMICS

APPLICATION OF BASIC MECHANICS PRINCIPLES FOR DYNAMIC ANALYSIS OF VEHICLES. CONCEPT OF VIBRATION. TIRES. VERTICAL DYNAMICS. LONGITUDINAL DYNAMICS AND CONTROL. LATERAL DYNAMICS.

APM CAM/APM PLAIN/APM SCREW/APM STRUCTURE3D/APM DYNAMICS/APM BEAM/APM GRAPH/APM STUDIO  
APM DRIVE/APM TRANS/APM SHAFT/APM BEAR/APM JOINT/APM SPRING/APM BASE/APM MECHANICAL DATA/APM MATERIAL DATA/APM SECTION DATA/APM CONSTRUCTION DATA/APM BOOK



APM WINMACHINE

KOMPAS 3D

VARICAD

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