



## **Appendix A-20 Online Course**

**Lecture:** Mengya Cai

2

## Common product structure design



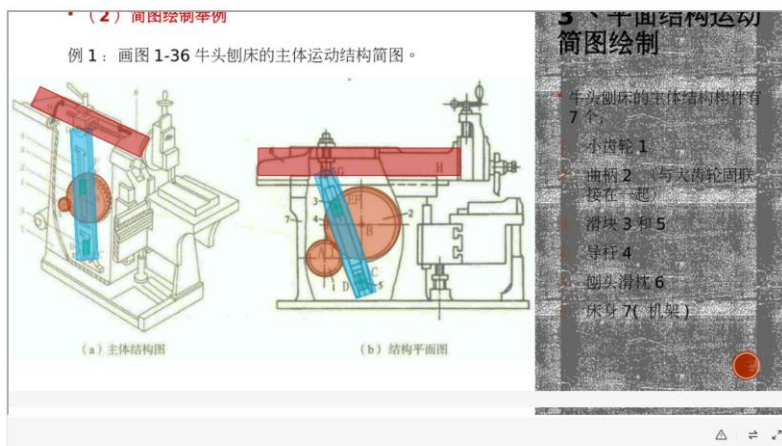
## 产品结构设计解析

2022-2023 (1)  
Analysis of product structure  
design  
秋季学期  
Cai Mengya

direct

- 1 Introduction
  - 1.1 Overview of product structure de...
  - 1.2 Product structure design develop...
- 2. Fundamentals of product struct...
  - 2.1 Common product structure design
  - 2.2 Schematic diagram of structural ...
  - 2.3 Plane degrees of freedom
  - 2.4 Composition and evolution of th...
  - 2.5 Basic knowledge of other commo...
- 3. Material structure design
  - 3.1 Structural design of plastic parts
  - 3.2 Structural design of metal parts

## Schematic diagram of structural motion



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