

Calculation templates

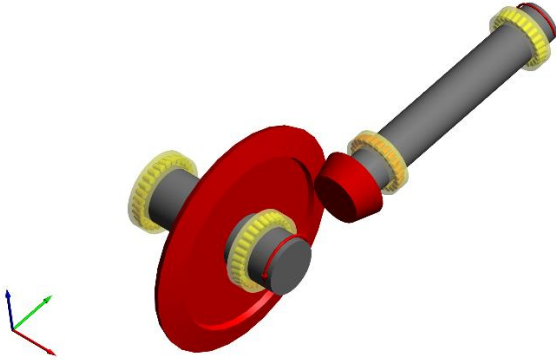
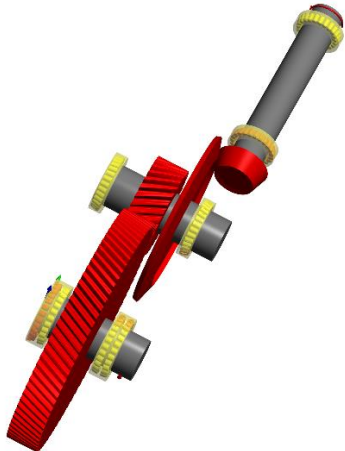
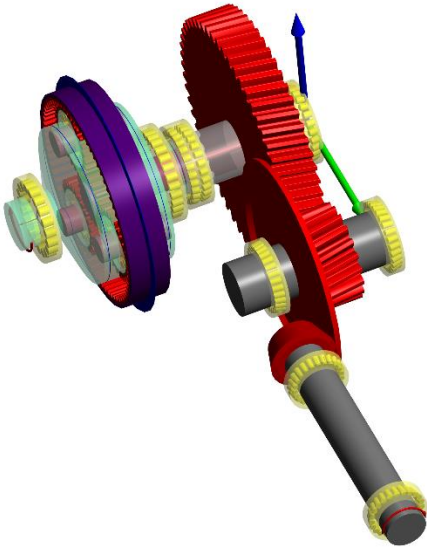
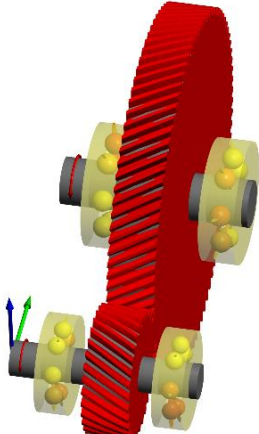
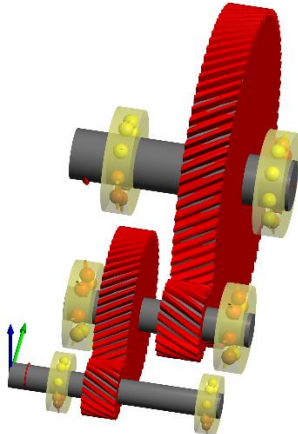
This document is intended to provide an overview of some usual cases studies which have been made available in order to serve as a reference for the usage of the MESYS software. In this way, further changes on these templates can be easily developed according to user specifications.

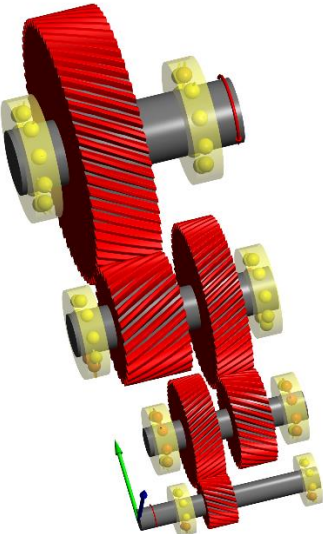
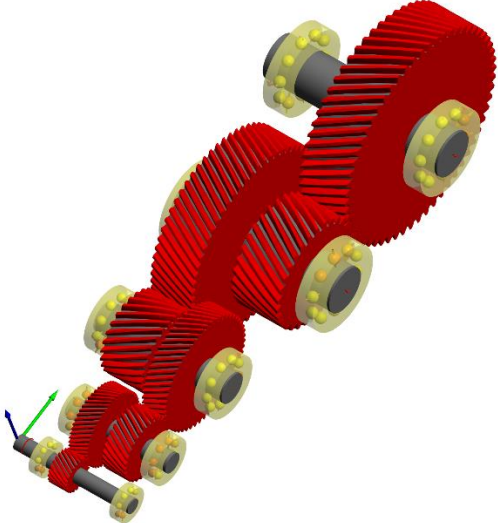
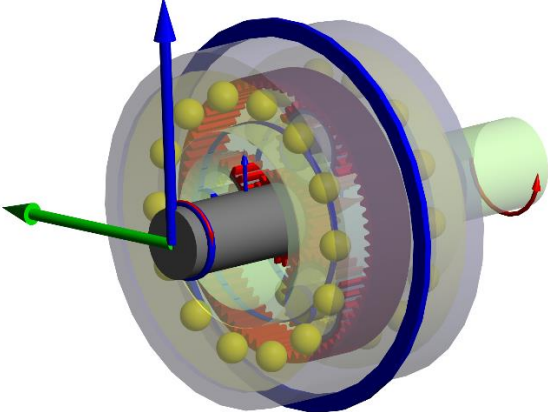
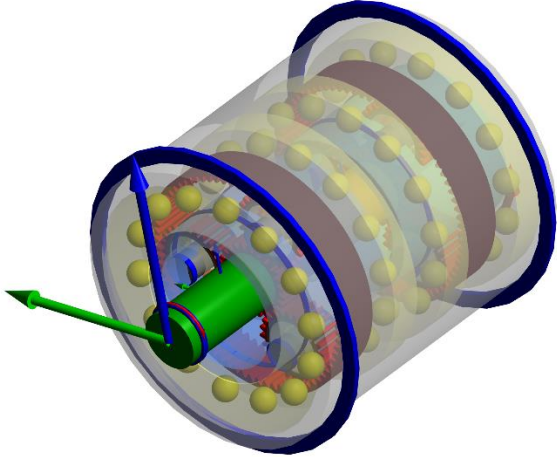
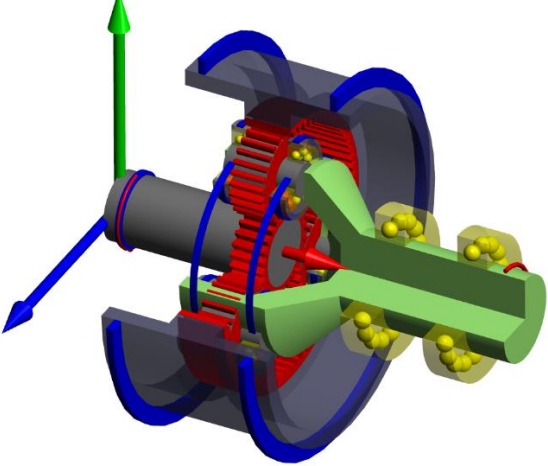
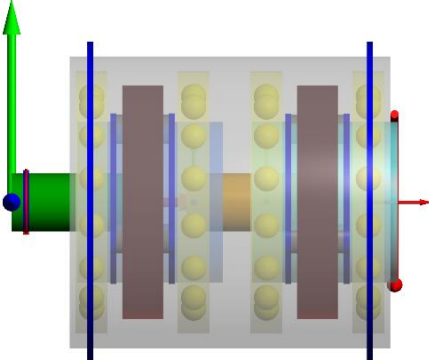
In all examples, the load spectrum has been activated, so that the user can quickly change the general input data of the transmission, i.e. speed and torque of the input shaft:

	Frequency	n [rpm]	Mx [Nm]
Shaft		InputShaft	InputShaft
Element		General	Coupling
1	1	1500	1000

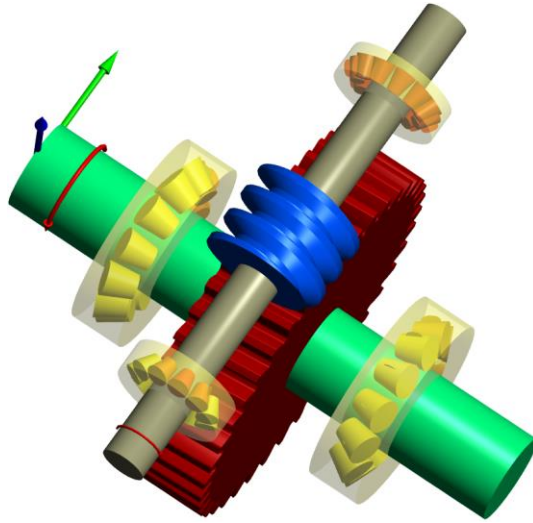
The list of the examples are as follows:

1. Bevel gearbox
2. Bevel-Helical gearbox
3. Bevel-Helical-Planet gearbox
4. Helical-Planet gearbox
 - One-stage
 - Two-stage
 - Three-stage
 - Four-stage
5. Planetary gearbox
 - One-stage: variant A
 - One-stage: variant B
 - Two-stage
6. Worm gear
7. Wind turbine gearbox

Bevel Gearbox	Bevel-Helical Gearbox
	
Bevel-Helical-Planet Gearbox	
	
Helical Gearbox	
One stage	Two stage
	

Three stage	Four stage
	
Planetary Gearbox	
One stage	Two stage
 <p data-bbox="188 1480 309 1509"><i>Variant A</i></p>	
 <p data-bbox="188 2033 309 2063"><i>Variant B</i></p>	

Worm Gear



Wind Turbine Gearbox

