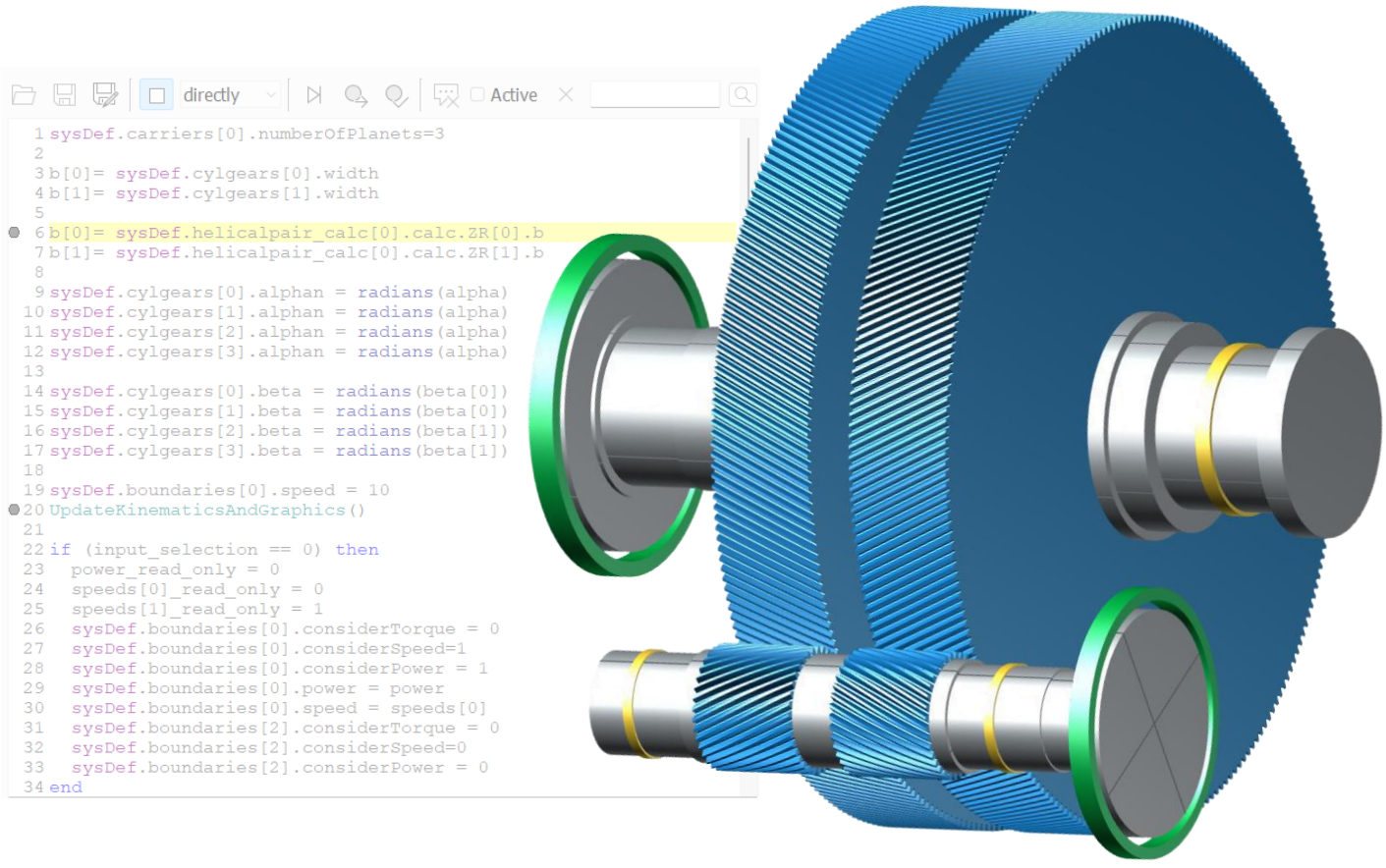
Total Gear Solutions Gleason

# Special Training

## KISSsoft System Module: System Scripts

## 1 Live Stream Session




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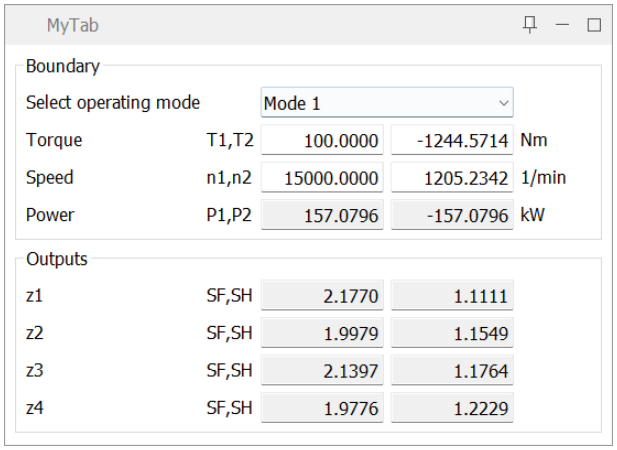
Sharing Knowledge

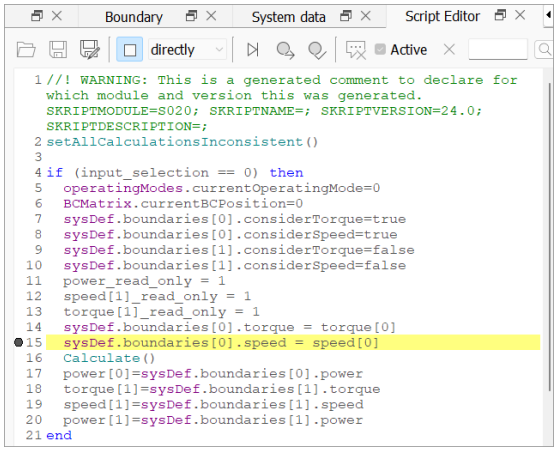
# KISSsoft System Module – System Scripts

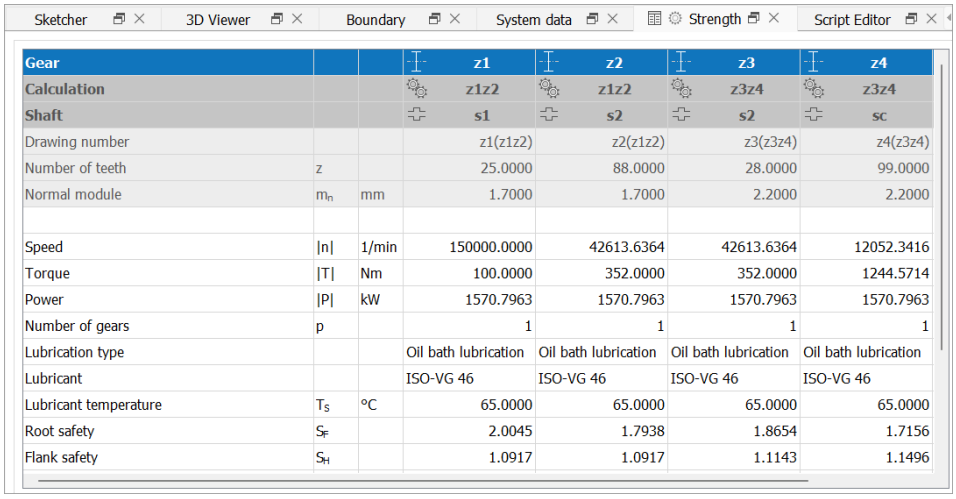
- Introduction to scripting
- Explanation of different events
- Using available variables
- Overview of existing functions

## Useful script examples

- Controlling settings and inputs in the model
- Importing data from an external file
- Exporting data in a user defined format
- Generating a new user tab with input and output fields
- Calling callFunc functions over script for calculation modules in the model
- Extending data representation tables
- Running in batch mode




| Gear | | | z1 | z2 | z3 | z4 |
|---|---|---|---|---|---|---|
| Calculation | | | z1z2 | z1z2 | z3z4 | z3z4 |
| Shaft | | | s1 | s2 | s2 | sc |
| Drawing number | | | z1(z1z2) | z2(z1z2) | z3(z3z4) | z4(z3z4) |
| Number of teeth | z | | 25.0000 | 88.0000 | 28.0000 | 99.0000 |
| Normal module | $m_n$ | mm | 1.7000 | 1.7000 | 2.2000 | 2.2000 |
| | | | | | | |
| Speed | \|n\| | 1/min | 150000.0000 | 42613.6364 | 42613.6364 | 12052.3416 |
| Torque | \|T\| | Nm | 100.0000 | 352.0000 | 352.0000 | 1244.5714 |
| Power | \|P\| | kW | 1570.7963 | 1570.7963 | 1570.7963 | 1570.7963 |
| Number of gears | p | | 1 | 1 | 1 | 1 |
| Lubrication type | | | Oil bath lubrication | Oil bath lubrication | Oil bath lubrication | Oil bath lubrication |
| Lubricant | | | ISO-VG 46 | ISO-VG 46 | ISO-VG 46 | ISO-VG 46 |
| Lubricant temperature | $T_S$ | °C | 65.0000 | 65.0000 | 65.0000 | 65.0000 |
| Root safety | $S_F$ | | 2.0045 | 1.7938 | 1.8654 | 1.7156 |
| Flank safety | $S_H$ | | 1.0917 | 1.0917 | 1.1143 | 1.1496 |

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