**In the Debating Club 26.1**
**2D-curve-generating parametric or parametrizable equations** such as for the
# gear curve [1],
# devil's curve [2],
# electric motor curve [2],
# superellipse [3,4],
# more (curvebank) [5]
or such as
# Gielis' superformula [6]
generate curves non-recursively with just one parameter run.
** Check the equs [1-6] as coupling functions (loop body) in the algorithm system Signa in silico (AsSis), Unit 3.
** Experiment with the Gielis-superformula and appropriate modifications:
# generation of exotic number sequences, f.i. "monster waves" (see Unit 30.1),
# generation of "exploding" patterns,
# generation of symbols, ornaments, and characters, as well as of forms in art and nature.

# References


[1] http://mathworld.wolfram.com/GearCurve.html

[2] http://mathworld.wolfram.com/DevilsCurve.html

[3] http://mathworld.wolfram.com/Superellipse.html

[4] https://en.wikipedia.org/wiki/Superellipse
https://de.wikipedia.org/wiki/Superellipse

[5] http://web.calstatela.edu/curvebank/home/home.htm

[6] https://en.wikipedia.org/wiki/Superformula