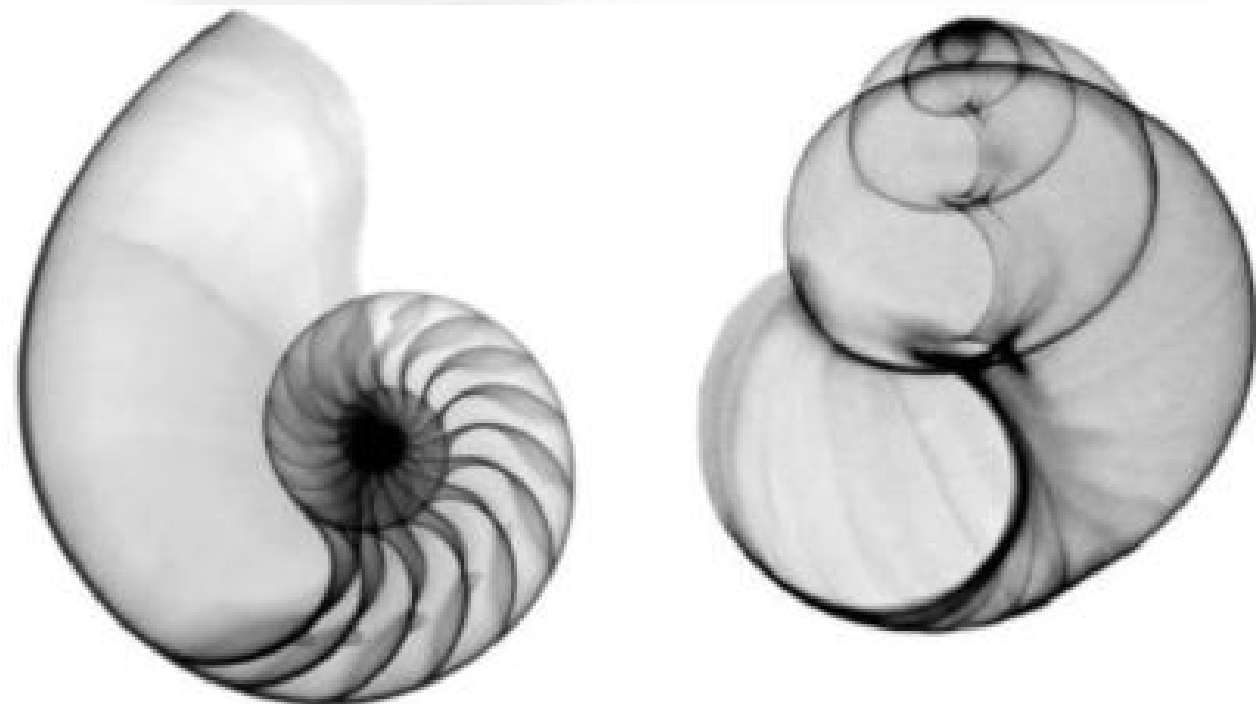


Skupina 3

Inspirace – spirála









# Body ve spirále

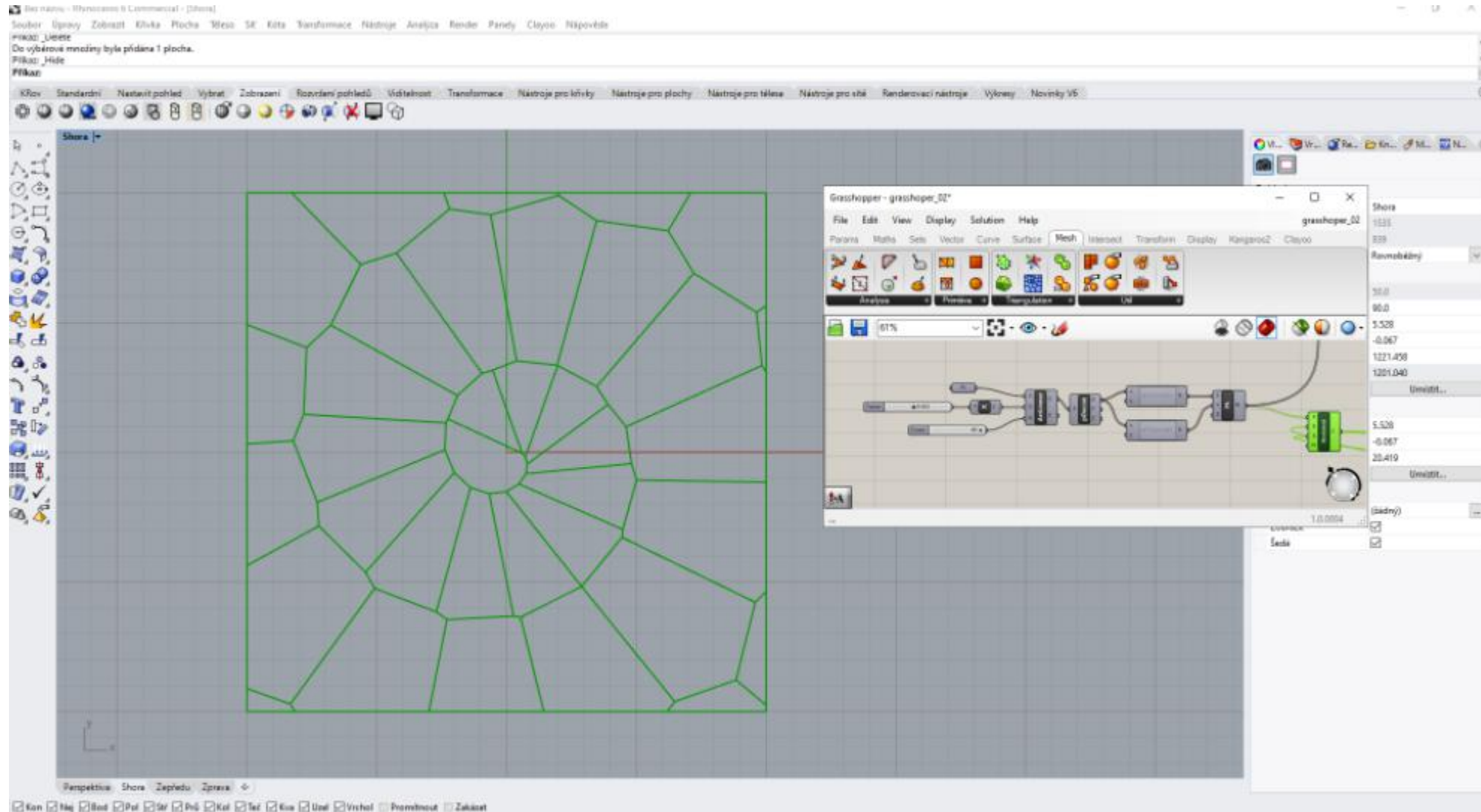
The image shows a screenshot of the Rhinoceros 6 software interface with the Grasshopper 3D modeling environment open. The main 3D viewport displays a spiral of green points on a grid. The Grasshopper script in the foreground is used to generate this spiral. It consists of the following components:

- Factor**: A numeric input set to 0.432.
- Circle**: A numeric input set to 40.
- AutLinea**: A component that takes the Factor and Circle inputs and outputs a series of points.
- ptDecom**: A component that decomposes the points from AutLinea into X and Y coordinates.
- X\*0.15(X)** and **X\*0.05(X)**: Two multiplication components that take the X coordinate and a constant value to produce a new X coordinate.
- Pt**: A final point component that takes the modified X and Y coordinates to create the final spiral points.

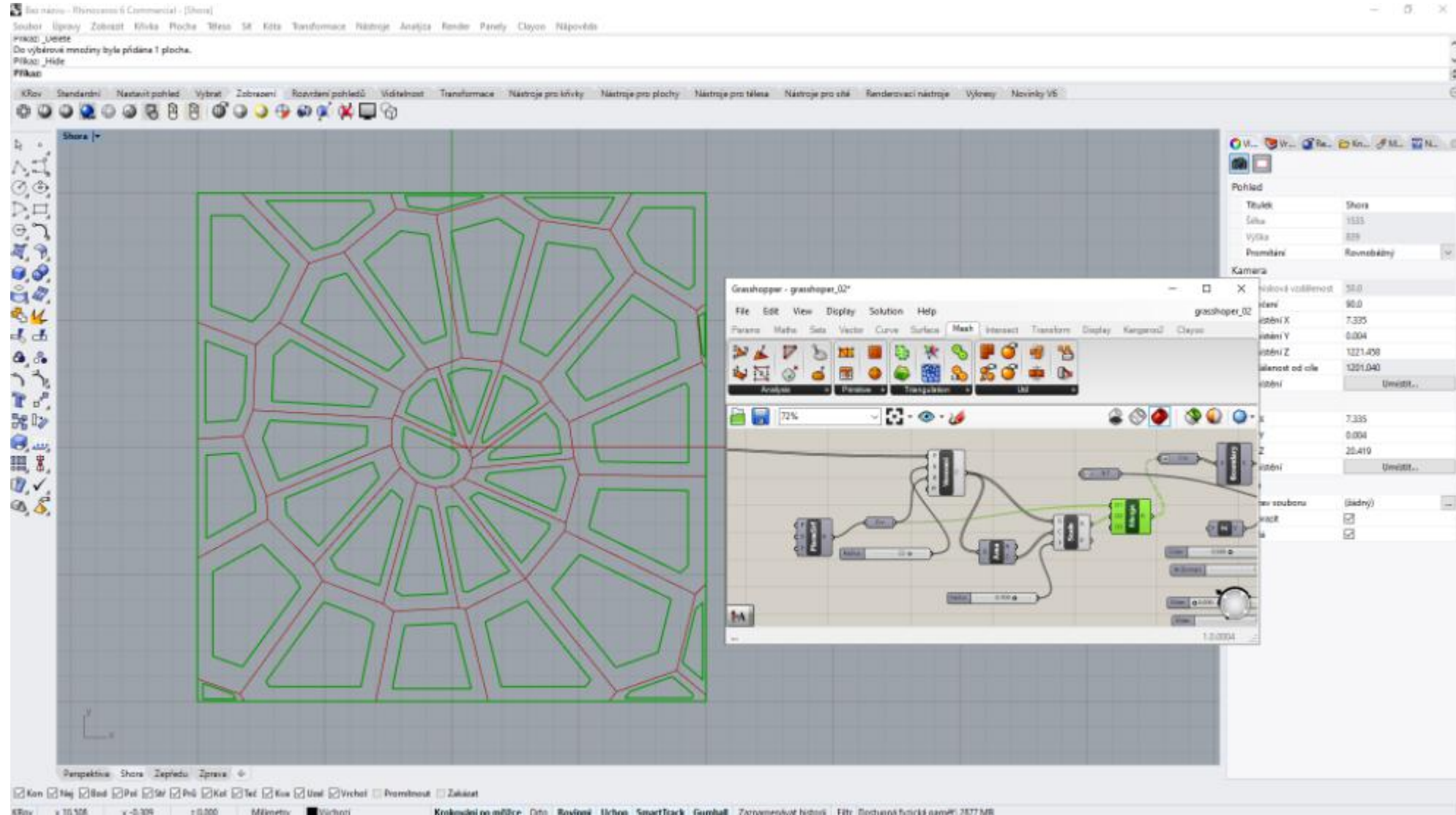
The status bar at the bottom indicates that the solution was completed in 9.8 seconds. The interface also shows various toolbars, a command line, and a properties panel on the right side.



# Základní spirála - křivky



# Tvorba 3D objektu



# Finální tvar

