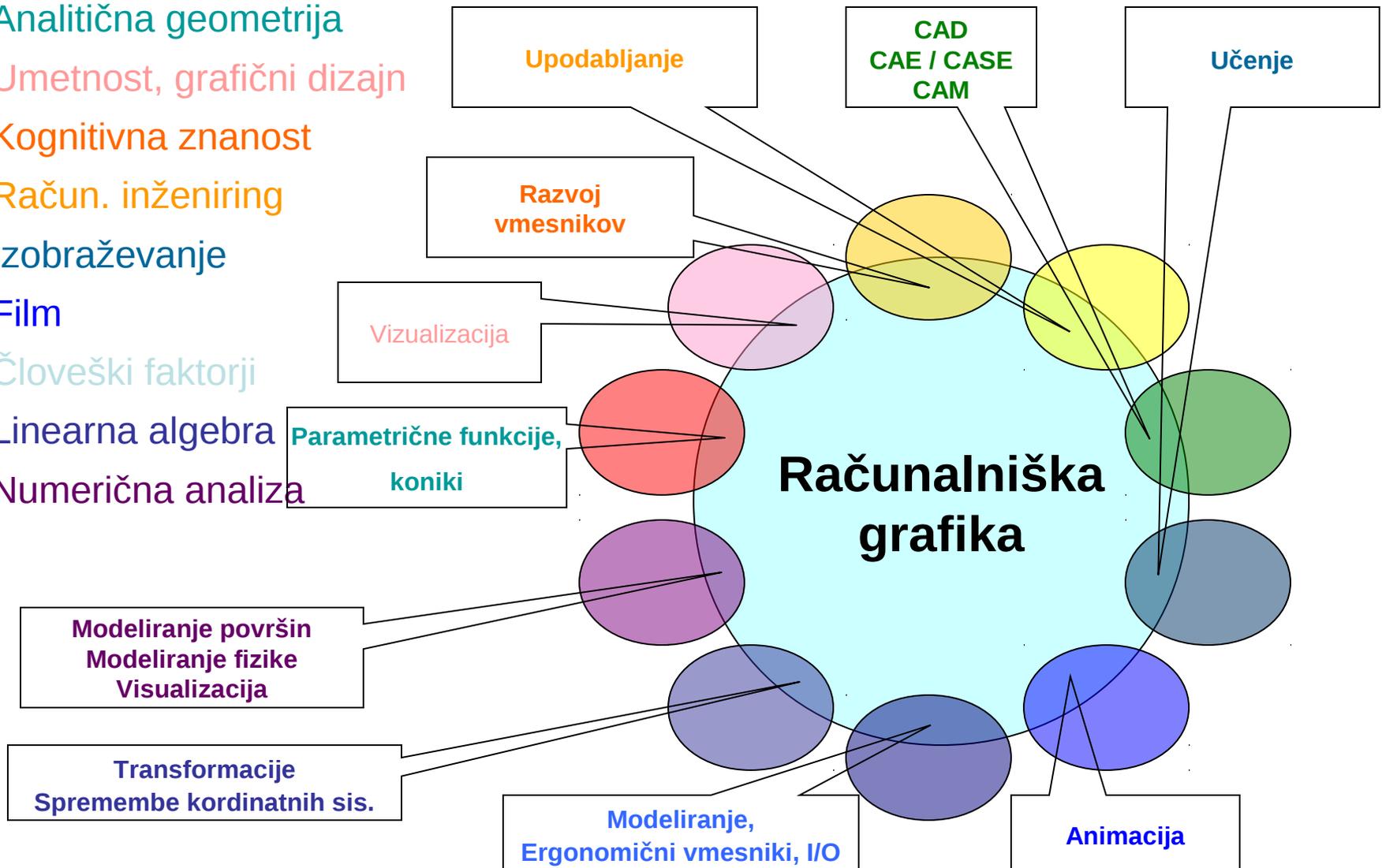


Računalska grafika



Interdisciplinarnost

- Analitična geometrija
- Umetnost, grafični dizajn
- Kognitivna znanost
- Račun. inženiring
- Izobraževanje
- Film
- Človeški faktorji
- Linearna algebra
- Numerična analiza



Uporaba računalniške grafike

General Areas of Use :

Display of Information (Babylonian tablets 2000 A.D. orthographic projections).

Design (lack of unique solution, iterative process).

Simulation (scientific visualisation, entertainment, education/training).

User Interface (Windows95, Mac, X, Next etc.).

Specific Areas of Use :

Business/Office automation :

Desktop publishing.

E-mail.

Hypermedia.

Graphs :

Business.

Maths.

Modelling.

Image Processing :

Satellite.

Medical.

Weather.

Police.

Uporaba računalniške grafike

CAD/CAM :

- Industry.
- Landscape.
- Buildings.
- Materials.

Art and Design :

- Graphic Design.
- Presentation.
- Television.
- Advertising.

CAI :

- Laserdisk.
- "The Aussie BBQ".
- Flying.
- Driving.
- Shipping.

Uporaba računalniške grafike

Animation :

- Games.
- Virtual Reality.
- Cartoons.
- Nuclear/Chemical Reactions.
- Physiology "VoxelMan".

Process Control :

- Real-time systems.
- Air Traffic Control.
- Refineries.
- Powerplants.
- Computer Networks.

Cartography :

- Geology.
- Oceanography
- GIS etc.