

# Mathematics for Computer Graphics 2009-AAU

## Lecture 3, September 11th

**3rd Lecture:** Friday September 11th, 8:15-12:00 at room A4-108.

- 08:15-08:45 Lecture: Repetition from last lecture. Cross product, triple products, affine spaces, affine combinations and barycentric coordinates.
- 08:45-10:40 Work in groups. Exercises: 19, 20, 22, 31, 29, 27, 24, 26, 23, 30, 21, 28, 25. I recommend you solve them in this order.

If you solve all these exercises you may try to solve the ones you did not solve in the previous lectures.

- 10:40-12:00 Lecture: Polar and spherical coordinates, parametrized lines, line equation, parametrized planes, plane equation, polygons and triangles (pages 72-86).

Best,

Diego Ruano