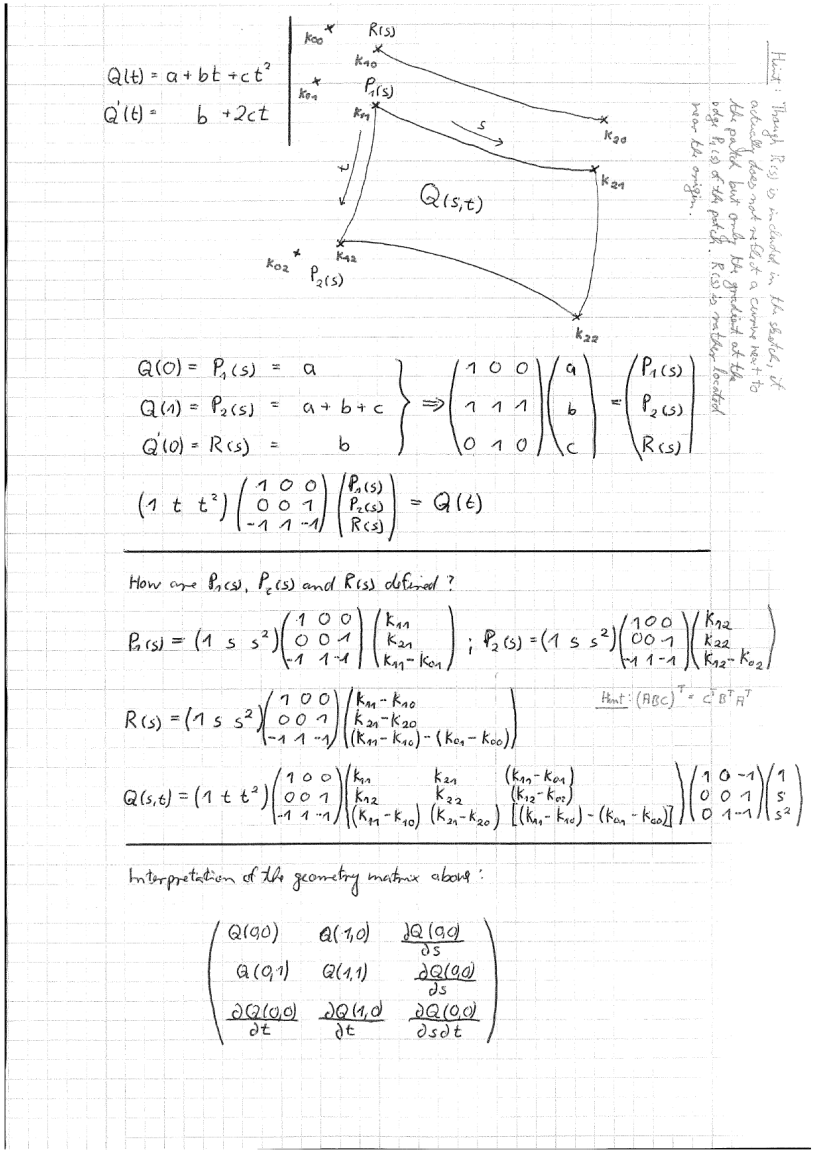
Exercise Computer graphics – (till May 5, 2009)

Bicubic/Bilinear surfaces

Exercise 15: We have seen how bi-cubic patches and planar patches of 1st degree were defined in the lecture.

a) Define a patch of 2nd degree. The tangent on one side of the patch should be definable explicitly.

Solution:



Exercise Computer graphics – (till November 13, 2007)

Bicubic/Bilinear surfaces

Exercise 15: We have seen how bi-cubic patches and planar patches of 1st degree were defined in the lecture.

b) Interpret the influence of all components of the geometry matrix on the Patch.

(see previous page)