

MATEMATISKA INSTITUTIONEN
STOCKHOLMS UNIVERSITET
Avd. Matematik

SJÄLVSTÄNDIGT ARBETE I MATEMATIK

Onsdagen den 22 april kl. 9.00–10.00 presenterar Nanna Zhou Hagström sitt arbete “Riemannian geometry in digital image processing with an application in modeling the cells in the lens of an eye and automating the quantification of a protein” (15 högskolepoäng, grundnivå).

Handledare: Rikard Bøgvad

Plats: Sal 34, hus 5, Kräftriket

Sammanfattning: The main objective of this report is understanding mathematics applied in digital imaging processing. We concentrate ourselves on Riemannian structures and study the Riemannian metric on color spaces and image processing of shape. Finally we present an application in modeling the cells in the lens of an eye and automating the quantification of a protein.

Alla intresserade är välkomna!