MATEMATISKA INSTITUTIONEN
STOCKHOLMS UNIVERSITET
Avd. Matematik

SJÄLVSTÄNDIGT ARBETE I MATEMATIK

Onsdagen den 21 maj kl. 10.00–11.00 presenterar Joakim Berg sitt arbete " Matrix decompositions in linear algebra" (15 högskolepoäng, grundnivå).

Handledare: Yishao Zhou

Plats: Sal 33, hus 5, Kräftriket

Sammanfattning: This paper is about exploring matrix decompositions in different mathematical topics. By mainly using Gauss-elimination we can solve problems such as determining an orthogonal basis, Jordan chains and the Jordan decomposition, the construction of a feedback matrix to reach the desired eigenvalues. This paper is intended to provide a new way of thinking in solving many different mathematical problems.

Alla intresserade är välkomna!