

## **abstract**

SHORT TALKS BY POSTDOCTORAL MEMBERS

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

---

I will discuss the problem of approximating a given positive semidefinite matrix  $A$ , written as a sum of outer products  $vv^T$ , by a much shorter weighted sum in the same outer products. I will then mention an application to sparsification of finite undirected graphs.