

学术报告

Low-rank tensor completion using parallel matrix factorization with factor priors

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Time: 17:30-18:30, October 27 (Saturday) 2018

Venue: Room 112, Center for Applied Mathematics

Abstract: In this talk, we discuss the low-rank tensor completion (LRTC) problem. To tackle the LRTC problem, we propose the parallel matrix factorization with factor priors (e.g., smoothness). We develop an efficient block successive upper-bound minimization method to solve the proposed model. The convergence of the numerical scheme is theoretically guaranteed under some mild conditions. Numerical examples of synthetic and real data are reported to demonstrate the effectiveness of the proposed model and the efficiency of the proposed numerical scheme.

欢迎大家参加！