计算数学所学术报告

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报告题目：

From Rutishauer's LR Algorithm to Francis-Kublanovskaya's QR Algorithm

邀请人： 白中治研究员

报告时间：2018 年 3 月 14 日（周三）

上午 10:00--11:00

报告地点：数学院南楼N702 教室

报告摘要：

We will discuss the following algorithms, their history, and their extensions in Lie group:

(a) Francis-Kublanovskaya's QR algorithm.

(b) Rutishauer's LR algorithm.

These results are related to several important matrix decompositions, namely, SVD, QR decomposition, Gelfand-Naimark decomposition, Jordan decomposition and their counterparts, Cartan decomposition, Iwasawa decomposition, Bruhat decomposition, complete multiplicative Jordan decomposition.