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**Qizhong Lin** and **Xing Peng\*** (x2peng@tju.edu.cn). *Ramsey numbers of large Books versus Cycles.*

Let  $B_n^{(k)}$  be the book graph which consists of  $n$  copies of  $K_{k+1}$  all sharing a common  $K_k$ , and let  $C_m$  be a cycle of length  $m$ . The Ramsey number of  $R(B_n^{(k)}, C_m)$  has received a lot of attention. All existing results focus on the offdiagonal case. In this talk, we will discuss our recent result on the diagonal Ramsey number  $R(B_n^{(k)}, C_m)$ . Joint work with Qizhong Lin. (Received September 05, 2019)