1054-05-257   **Yaotsu Chang*** (`ytchang@isu.edu.tw`), No.1, Sec. 1, Syuecheng Rd., Dashu Township, Kaohsiung, 840, Taiwan, **Chong-Dao Lee** (`chongdao@isu.edu.tw`), No.1, Sec. 1, Syuecheng Rd., Dashu Township, Kaohsiung, 840, Taiwan, **Peter JS Shiue** (`shiue@nevada.edu`), Department of Mathematical Sciences, University of Nevada, Las Vegas, NV 89154-4020, and **Hao Shen** (`haoshen@sjtu.edu.cn`), Department of Mathematics, Shanghai Jiaotong University, Shanghai, 200240, Peoples Rep of China. *A construction of group divisible designs.*

In this talk, we present a construction of group divisible designs with block sizes 3, 4, and 5 respectively. This work is motivated from the decoding of binary quadratic residue codes. (Received September 15, 2009)