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A few more Kirkman squares with block size 3

In a series of papers, I established the existence of Kirkman squares with block size 3 for $(\mu, \lambda) = (1, 2), (2, 4)$ and the existence of doubly near resolvable $(v, 3, 2)$ -BIBDs with a small number of exceptions. Recently, Julian Abel, Jinhua Wang, and I have constructed designs for all of the open cases. In addition, we constructed several more Kirkman squares with block size 3 and $\mu = \lambda = 1$. In this talk, I will describe some of our new constructions.