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**Asymptotic results on the existence of 4-RGDDs and uniform 5-GDDs.** (English)

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Summary: We continue to investigate the existence of 4-RGDDs and uniform 5-GDDs. It is proved that the necessary conditions for the existence of such designs are also sufficient with a finite number of possible exceptions. As an application, the known results on the existence of uniform 4-frames are also improved.

**MSC:**

05B05 Combinatorial aspects of block designs

Cited in **1** Review  
Cited in **25** Documents

**Full Text:** [DOI](#)

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