91h:05020 05B05 51E05 68R05

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Constructing 6-$(14, 7, 4)$ **designs.**

Finite geometries and combinatorial designs (*Lincoln*, *NE*, 1987), 137–151, *Contemp. Math.*, 111, *Amer. Math. Soc.*, *Providence*, *RI*, 1990.

Summary: "A summary of the algebraic and computational techniques used in constructing two nonisomorphic simple 6-$(14, 7, 4)$ designs and four nonisomorphic simple 5-$(13, 6, 4)$ designs is presented. With the exception of the 6-$(33, 8, 36)$ designs discovered by Magliveras and Leavitt , and the 6-$(20, 9, 112)$ designs discovered by Kramer, Leavitt and Magliveras , this is the only other small parameter situation in which a simple 6-design is known to exist."

{For the entire collection see MR 91g:00042}.