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Generalized towers of flag-transitive circular extensions of a non- classical C_3 -geometry.

(English) [Zbl 0805.51006](#)

J. Comb. Theory, Ser. A 66, No. 2, 313-320 (1994).

The authors' abstract: "The classification of generalized towers of flag-transitive circular extensions of the sporadic A_7 -geometry is completed by characterizing two flat geometries on 16 points, constructed in terms of the Steiner system $S(24, 8, 5)$, as the flag-transitive circular extensions of the duals of the sporadic A_7 -geometry and the Neumaier geometry for A_8 , and then by showing the non-existence of flag-transitive circular extensions of these geometries".

Reviewer: [L.Teirlinck \(Auburn\)](#)

MSC:

[51E24](#) Buildings and the geometry of diagrams

Cited in **2** Documents

Keywords:

[tower](#); [circular extensions](#)

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