

A Note on DID Designs with Nested Rows and

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construction for a family of balanced incomplete block designs having nested rows

$t = \frac{v-1}{2}$ and $\lambda = \frac{v-3}{2}$. For the starter block to generate the design, there must be an

element x in the finite field F_α , $\alpha \equiv 5 \pmod{8}$, with the properties:

along these lines for large α .

p	g	N(p)
13	2	4
29	8	4

p	g	N(p)
277	11	40
293	5	64

p	g	N(p)
661	2	88
677	5	160

37	2	4
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317	5	84
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701	8	112
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53	5	16
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349	2	56
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709	2	120
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61	2	8
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373	2	64
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733	6	144
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101	11	16
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389	8	88
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757	2	104
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References

