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*Covering Arrays with Row Limit*

*Covering Arrays with Row Limit (CARLs)*, a generalization of Covering Arrays, are combinatorial models of test suites, having an extra parameter *weight*,  $w$ , representing the number of components tested at once. We present the lower bound on the size and recursive constructions for optimal *CARLs* with  $w = 4$  and strength  $t = 2$  having a regular excess graph. Further search is necessary to find the ingredient *CARLs* for the construction of families whose excess graph is not regular.