

# A New Version of the Ménages Problem

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**Abstract.** The *problème des ménages* (*married couples problem*) introduced by E.Lucas in 1891 is a classical problem that asks the number of ways to arrange  $n$  married couples around a circular table, so that husbands and wives are in alternate places but no couple is seated together. In this paper we present a new version of ménages problem that carries the constraints consistent with several cultures.