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Searching for Class Uniformly Resolvable Partial Coverings

The variation of the Social Golfer problem that we consider asks for optimal schedules for n golfers playing r rounds in set team sizes, in which each golfer plays with every other golfer as close as possible to the same number of times. Solutions take the form of class uniformly resolvable partial coverings. I will be discussing our method for generating schedules, measures of optimality, as well as interesting results.