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Circular Nim CN(7,4)

Circular Nim CN(n, k) is a variation on Nim. A move consists of selecting k consecutive stacks from n stacks arranged in a circle, and then to remove at least one token (and as many as all tokens) from the selected stacks. We will briefly review known results on Circular Nim CN(n, k) for small values of n and k and for some families, and then discuss new features that have arisen in the set of the $\mathcal{P}$-positions of CN(7,4). We will also discuss how some of these new structures appear in the sets of the $\mathcal{P}$-positions of larger games. As time permits, we will discuss aspects of the proof for the $\mathcal{P}$–positions of CN(7,4).