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Conjoined Games: Go-Cut and Sno-Go

Let \mathcal{F} and \mathcal{H} be two impartial rulesets. We introduce the *conjoined ruleset* ($\mathcal{F} \blacktriangleright \mathcal{H}$) in which the game is played under the \mathcal{F} ruleset and then, when play is no longer possible, to continue under the \mathcal{H} ruleset. The games of Go-Cut and Sno-Go on a path are considered. We give nim-values for positions at the start of Phase 2 for Go-Cut and for Sno-Go we determine the winner.