

1096-05-2646 **Albert Gu*** (agu@andrew.cmu.edu). *Sprague-Grundy Values of the \mathcal{R} -Wythoff Game.*

We examine the Sprague-Grundy values of the game of \mathcal{R} -Wythoff, a restriction of Wythoff's game introduced by Ho, where tokens may not be taken from only the larger pile. Ho showed that the P -positions of \mathcal{R} -Wythoff agree with those of Wythoff's game, and found all positions of Sprague-Grundy value 1. We describe all the positions of Sprague-Grundy value 2, and also conjecture a general form of the positions of Sprague-Grundy value g . (Received September 17, 2013)