## **NEIL MCKAY**, ∅

Which games are equalish to 0?

Toppling Dominoes is a game played by Black and White on a row of standing black, white, or grey dominoes. On their turn, a player chooses a domino of their colour (or a grey domino) and topples it either left or right, every domino in that direction also topples and is removed from the game. A player unable to move loses.

In an all-grey row, the game ends exactly when neither player has any available moves. Any other game could conceivably end when only a domino of the opponents colour remains. Games that always end with neither player having any available moves are called dicotic and they are equalish to 0. Though very few positions are dicotic, there are many positions equal to dicotic games; we describe these positions. We discuss which simple games are equalish to some Toppling Dominoes position.