



Hackenbush - examples

A series of Hackenbush positions analysed - to be viewed alongside the lecture notes.



$$\{ _ | \} = \{ 0 | \} = 1$$

(Left can move to 0, Right cannot move.)




$$\{ | _ \} = \{ | 0 \} = -1$$

(In general, swapping the colours changes the sign.)



$$\{ _, _ | \} = \{ 0, 1 | \} = 2$$



$$\{ _ | _ \} = \{ 0 | 1 \} = \frac{1}{2}$$



$$\{ _, _ | _ \} = \{ 0, \frac{1}{2} | 1 \} = \frac{3}{4}$$



$$\{ _, _ | _ \} = \{ 0, \frac{1}{2} | 2 \} = 1$$



$$\{ _, _, _ | _ \} = \{ 0, 1, \frac{3}{4} | 2 \} = \frac{3}{2}$$