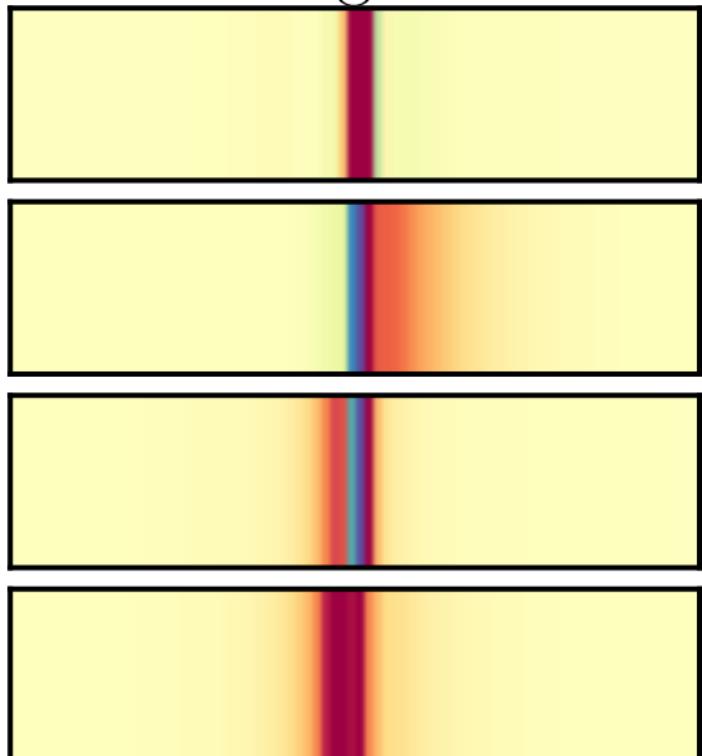


Ising 1D



$W^{(1)}$

$W^{(2)}$

$W^{(3)}$

$W^{(4)}$

Heisenberg 1D

