Keras XOR

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Period 4

First Run:

array([[ 10.598564, 10.886404],

[-10.234648, -10.703203]], dtype=float32), array([ 5.3421555, -5.8621697], dtype=float32)]

[array([[-14.948143],

[ 15.064552]], dtype=float32), array([7.4421635], dtype=float32)]

Second Run:

[array([[ 11.167883 , 11.3683405],

[-11.354304 , -11.387861 ]], dtype=float32), array([ 6.073662, -6.0013 ], dtype=float32)]

[array([[-15.115188 ],

[ 15.0683775]], dtype=float32), array([7.5678706], dtype=float32)]

Table

Description automatically generated

Hidden Node 1 -> A

Hidden Node 2 -> B

Result -> C

A: Input 1 = 1 or Input2 = 0

B: Input 2 = 0 and Input 1 = 1

C: A == B