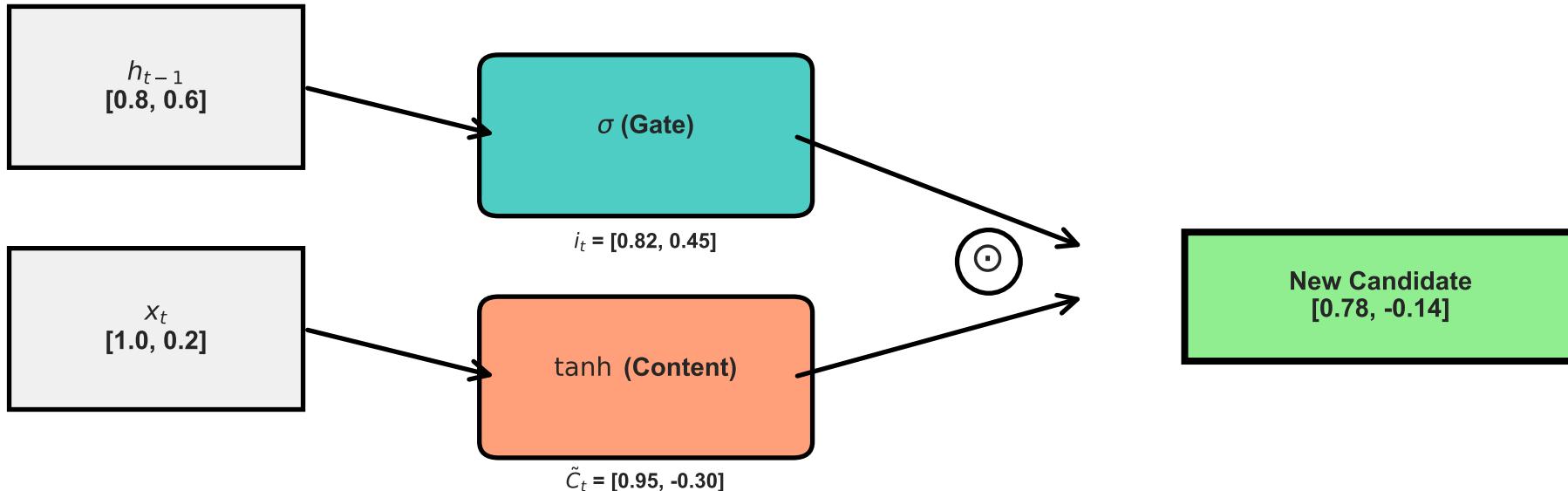


Input Gate: Step-by-Step



Gate decides: Store 82% of first value, only 45% of second

Tanh creates candidate: New memory content (-1 to 1 range)

Result: Controlled new memory = [0.78, -0.14]