



Figure 1. The neuron  $c_i$  is always marked with the numeral  $i$  upon the body of the cell, and the corresponding action is denoted by " $N$ " with  $i$ 's subscript, as in the text:

- (a)  $N_2(t) \equiv N_1(t-1)$ ;
- (b)  $N_3(t) \equiv N_1(t-1) \vee N_2(t-1)$ ;
- (c)  $N_3(t) \equiv N_1(t-1) \cdot N_2(t-1)$ ;
- (d)  $N_3(t) \equiv N_1(t-1) \cdot \sim N_2(t-1)$ ;
- (e)  $N_3(t) \equiv N_1(t-1) \cdot \vee \cdot N_2(t-3) \cdot \sim N_2(t-2)$ ;
- $N_4(t) \equiv N_2(t-2) \cdot N_2(t-1)$ ;
- (f)  $N_4(t) \equiv \sim N_1(t-1) \cdot N_2(t-1) \vee N_3(t-1) \cdot \vee \cdot N_1(t-1) \cdot N_2(t-1) \cdot N_3(t-1)$ ;
- $N_4(t) \equiv \sim N_1(t-2) \cdot N_2(t-2) \vee N_3(t-2) \cdot \vee \cdot N_1(t-2) \cdot N_2(t-2) \cdot N_3(t-2)$ ;
- (g)  $N_3(t) \equiv N_2(t-2) \cdot \sim N_1(t-3)$ ;
- (h)  $N_2(t) \equiv N_1(t-1) \cdot N_1(t-2)$ ;
- (i)  $N_3(t) \equiv N_2(t-1) \cdot \vee \cdot N_1(t-1) \cdot (Ex)t-1 \cdot N_1(x) \cdot N_2(x)$ .