Figure 1. A Kanban cell in a Petri net
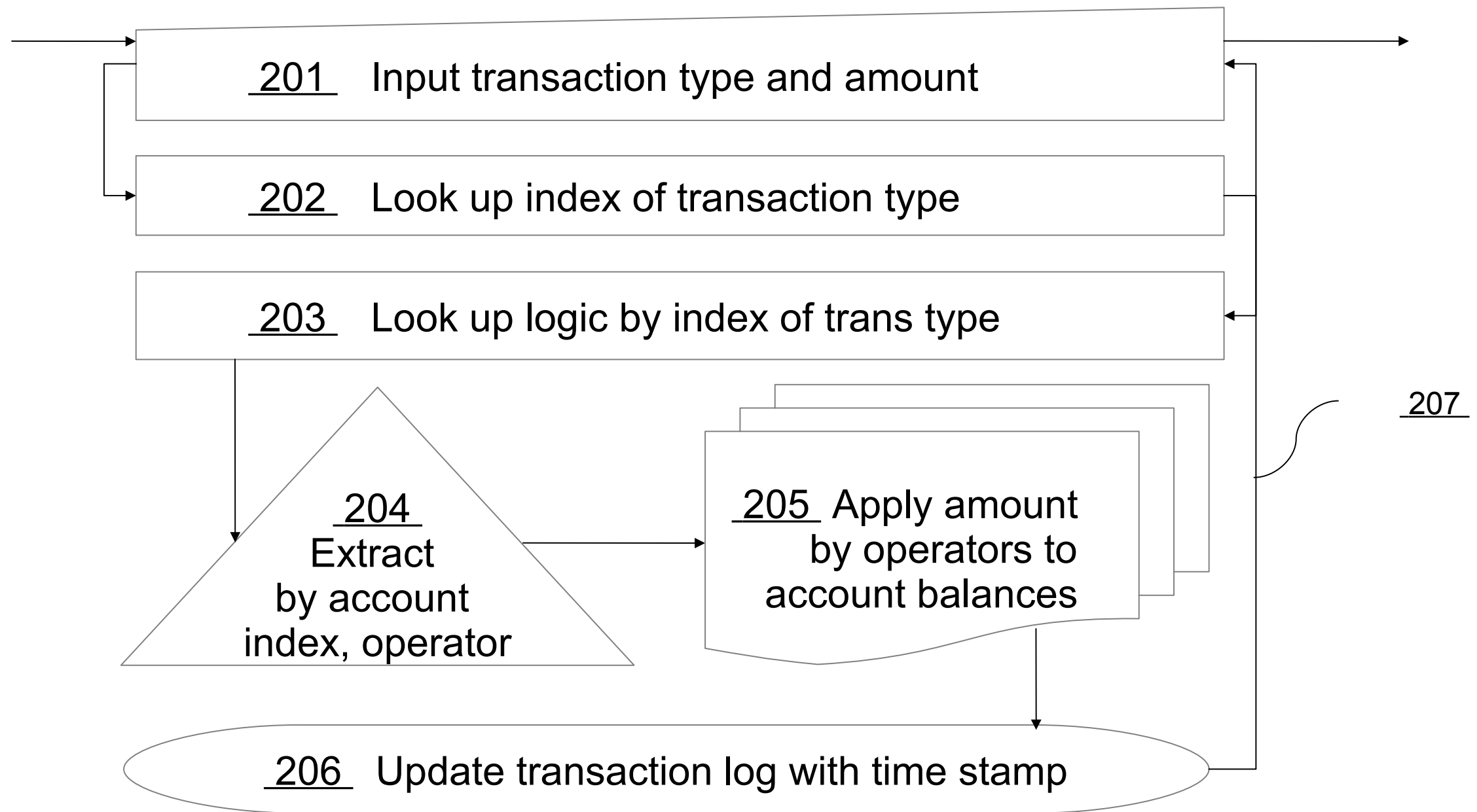
201 Input transaction type and amount

202 Look up index of transaction type

203 Look up logic by index of trans type

204 Extract by account index, operator

205 Apply amount by operators to account balances

206 Update transaction log with time stamp

207

Figure 2. Accounting arithmetic system in N-dimensions

306

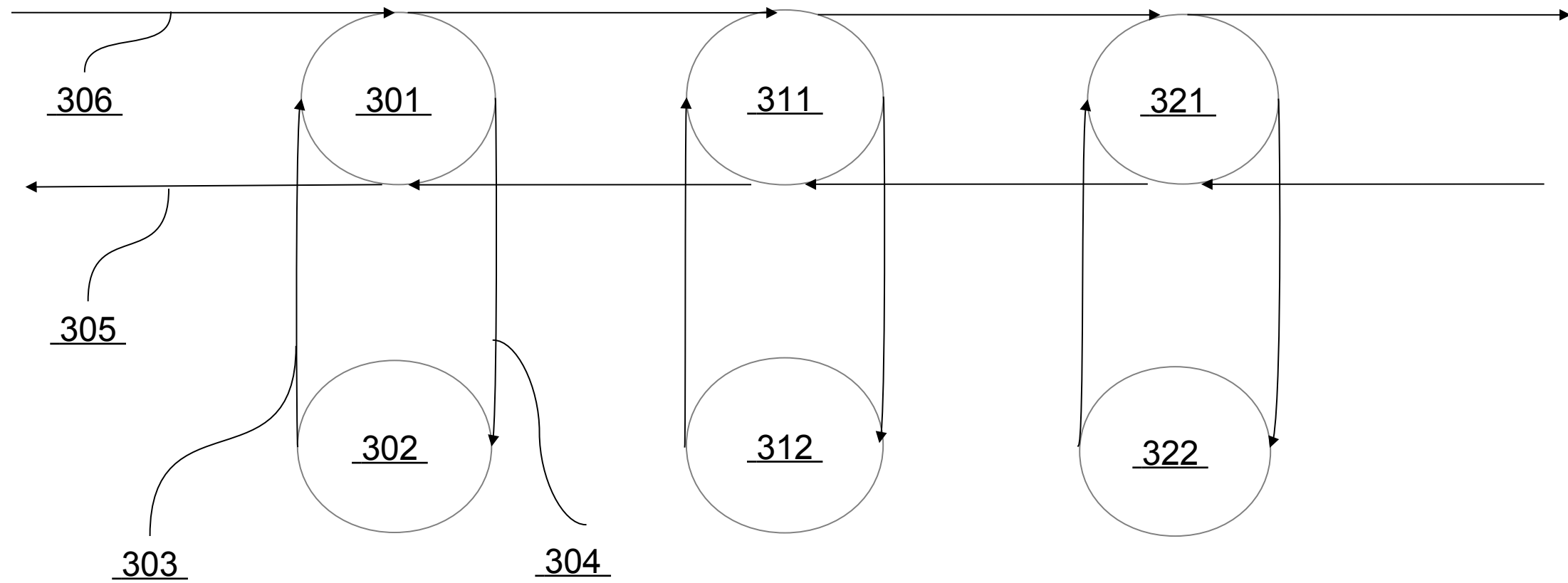305

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Figure 3. Synchronous, self-timing neural network as feedback loops
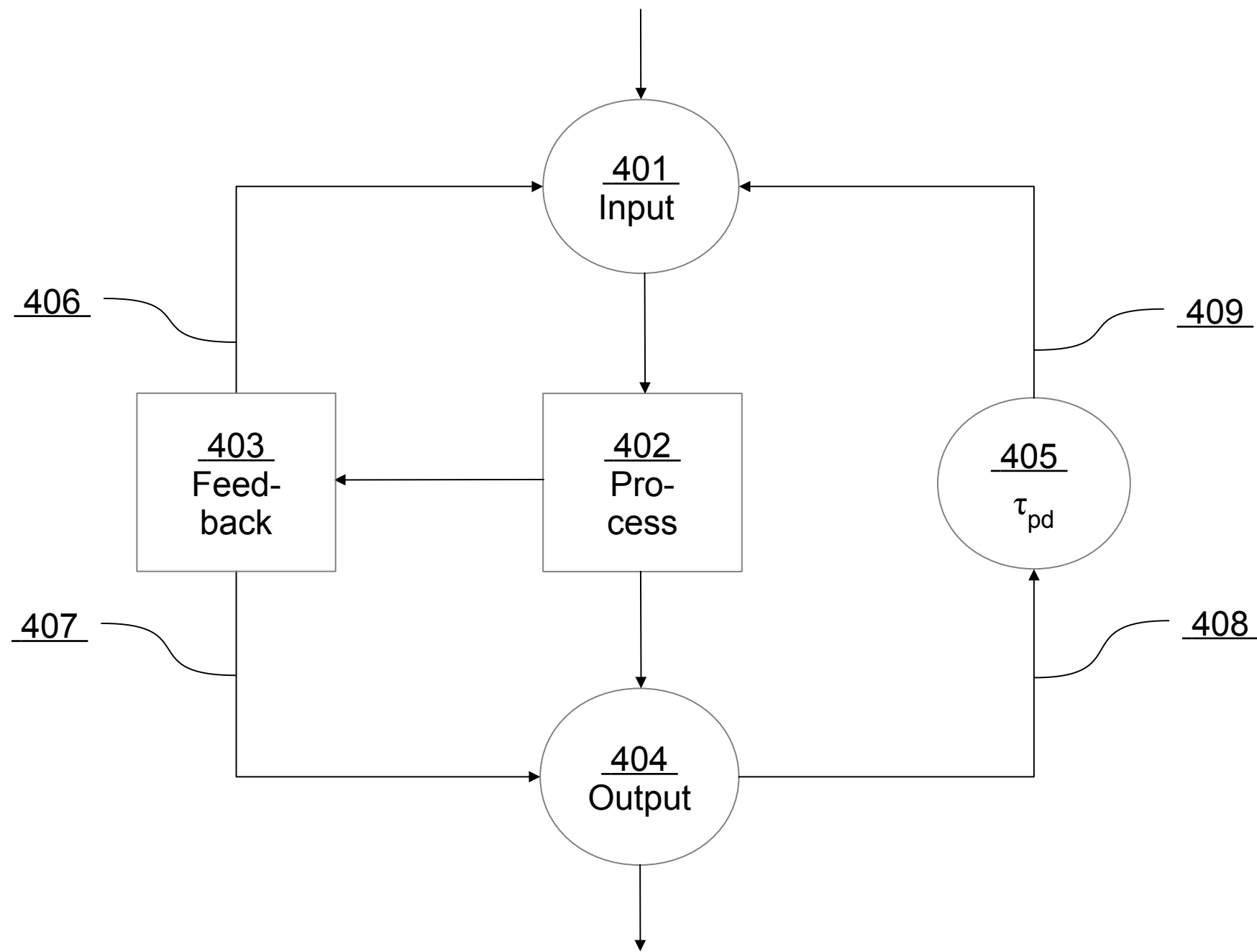
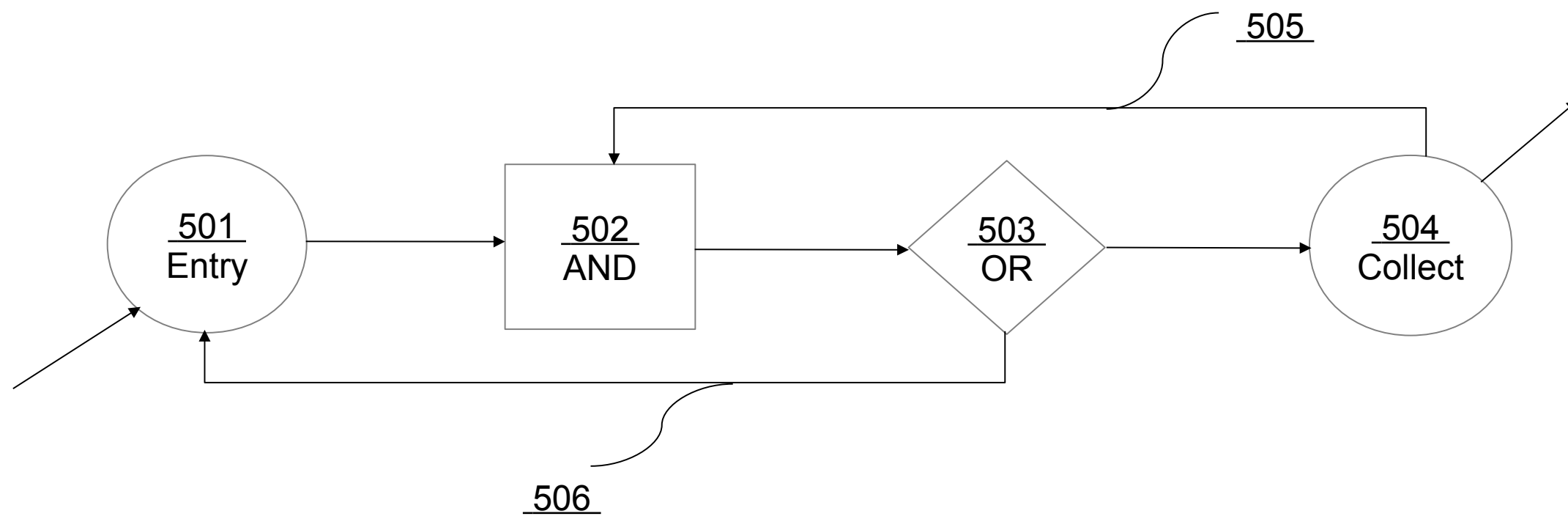Figure 4. Synchronous Kanban cell in feedback loops as external propagation delays

Figure 5. Logical circuit for the Kanban cell

601
{ii,pp,qq}
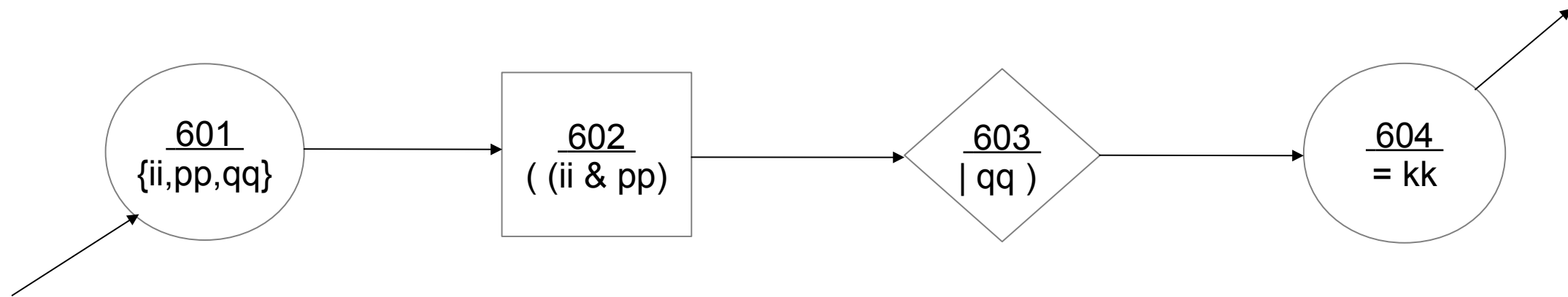
602
((ii & pp)

603
| qq)

604
= kk

Figure 6. Functional diagram of the Kanban cell in symbols for nodes and processes
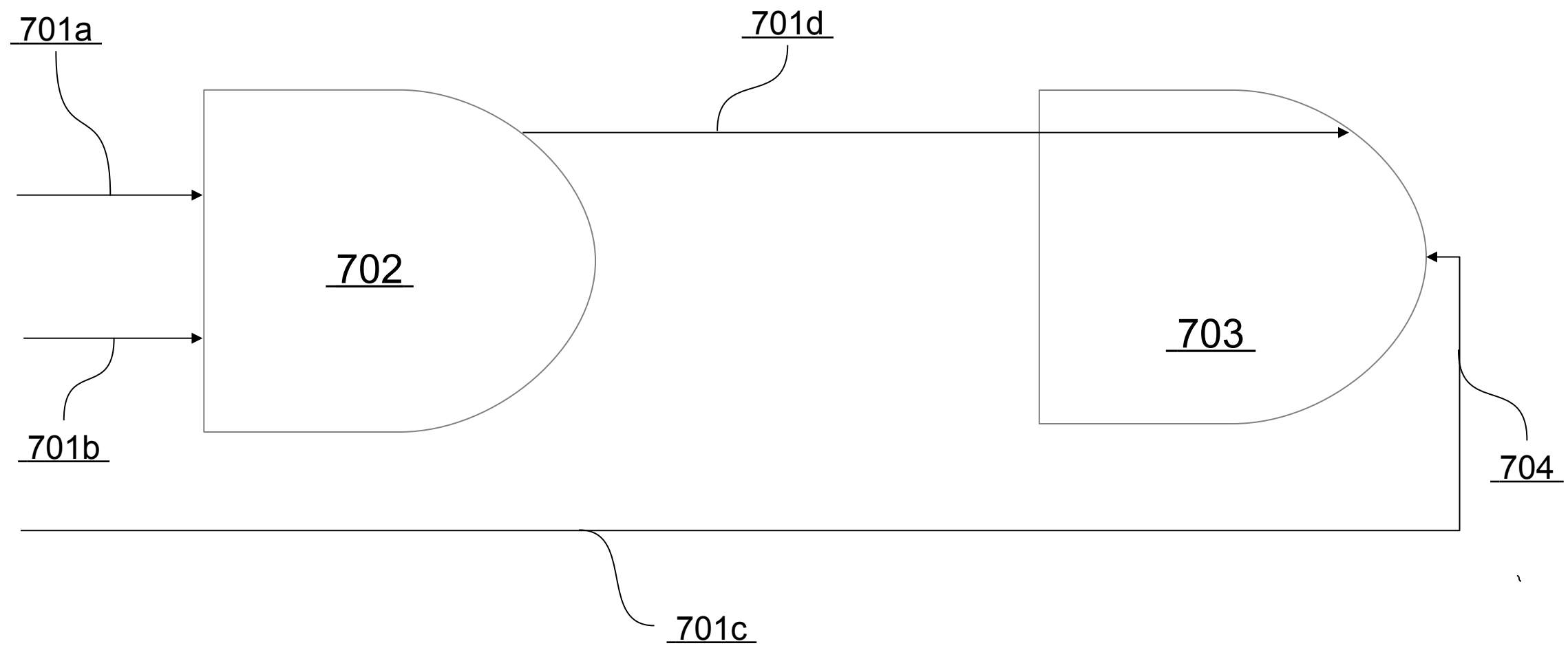
Figure 7. Electrical diagram of the Kanban cell in symbols of Deutsches Institut für Normung (DIN)
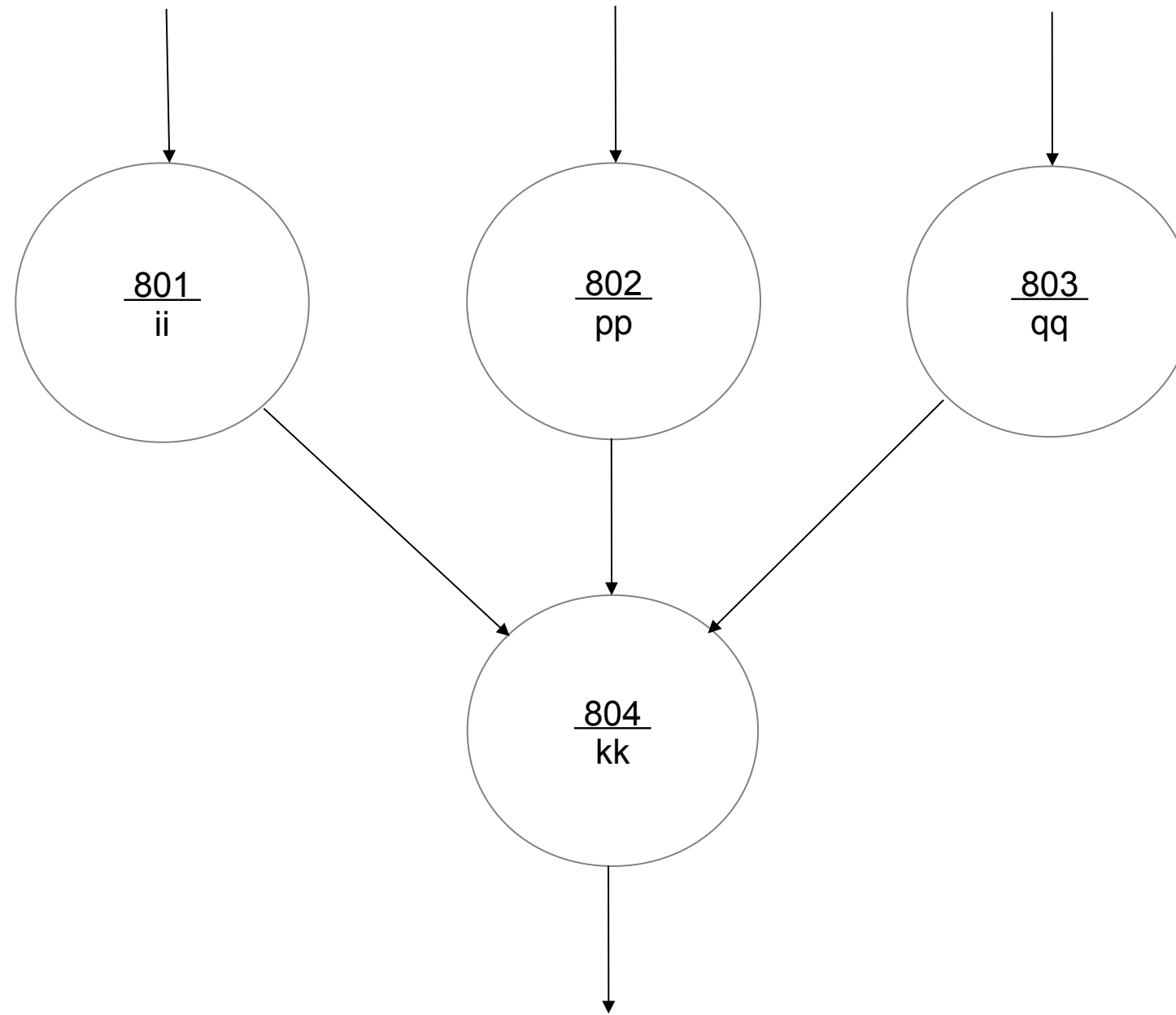
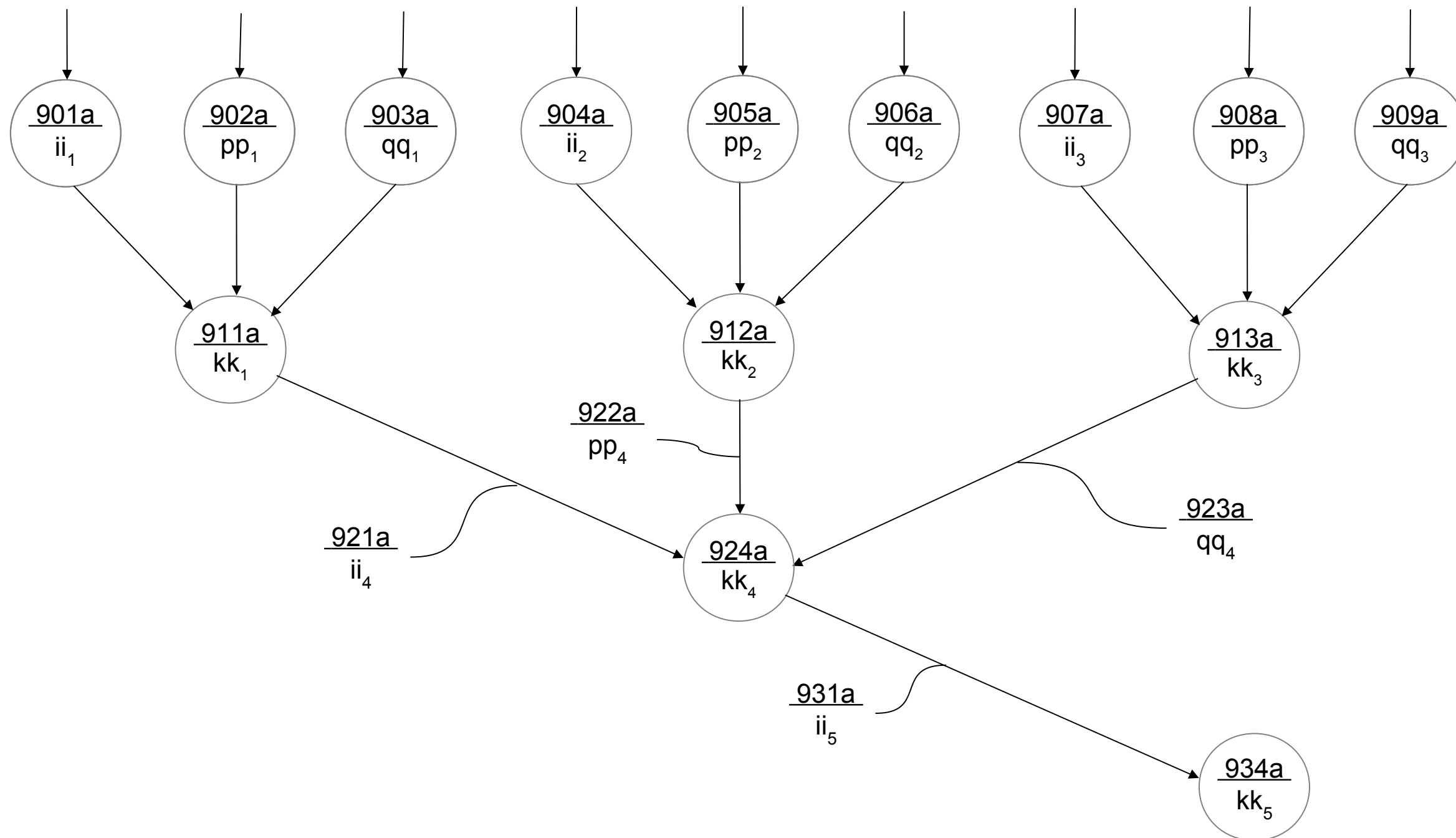Figure 8. Flow diagram of Kanban cell neuron

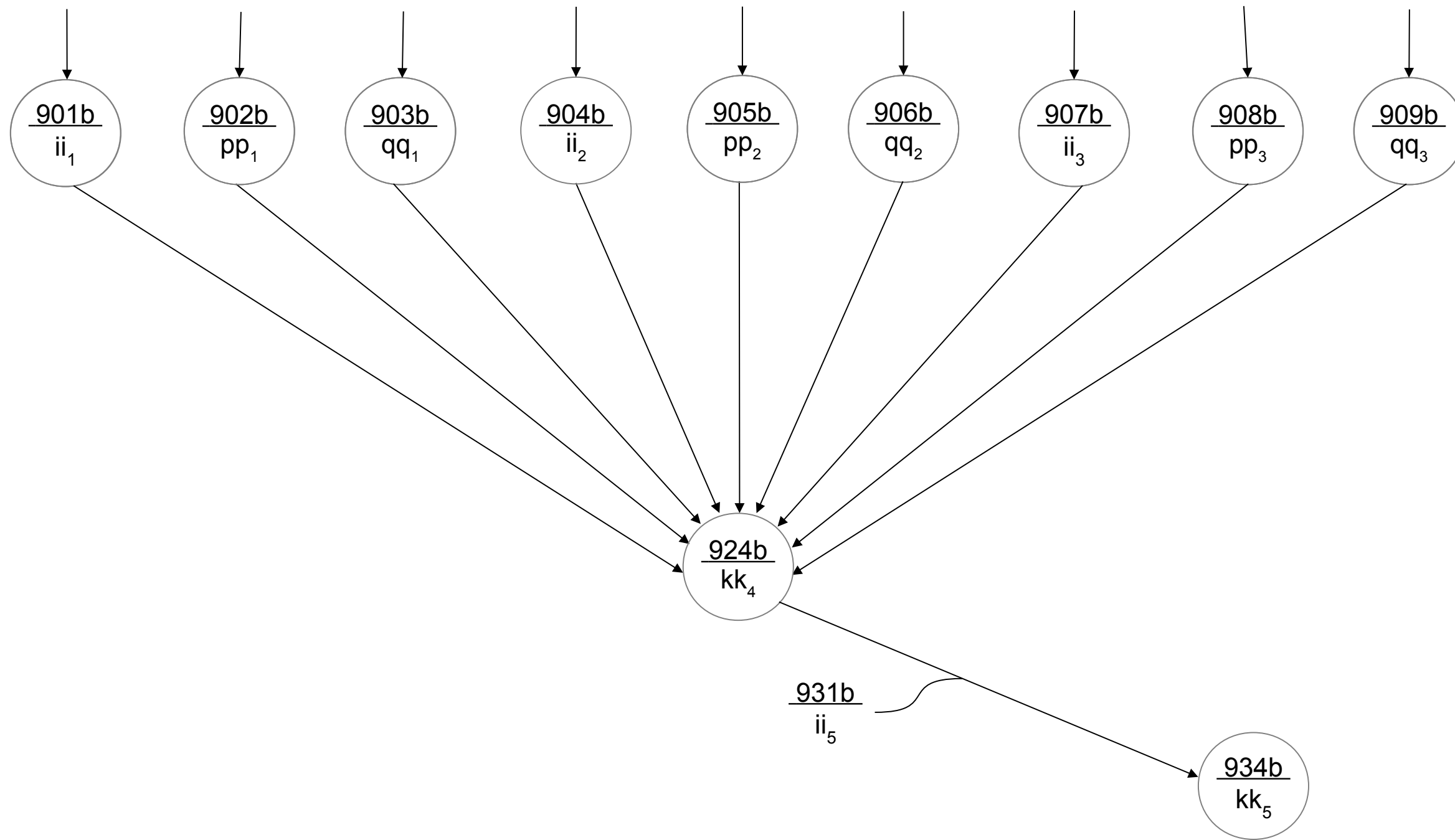Figure 9A. Flow diagram of a Kanban cell neuron network

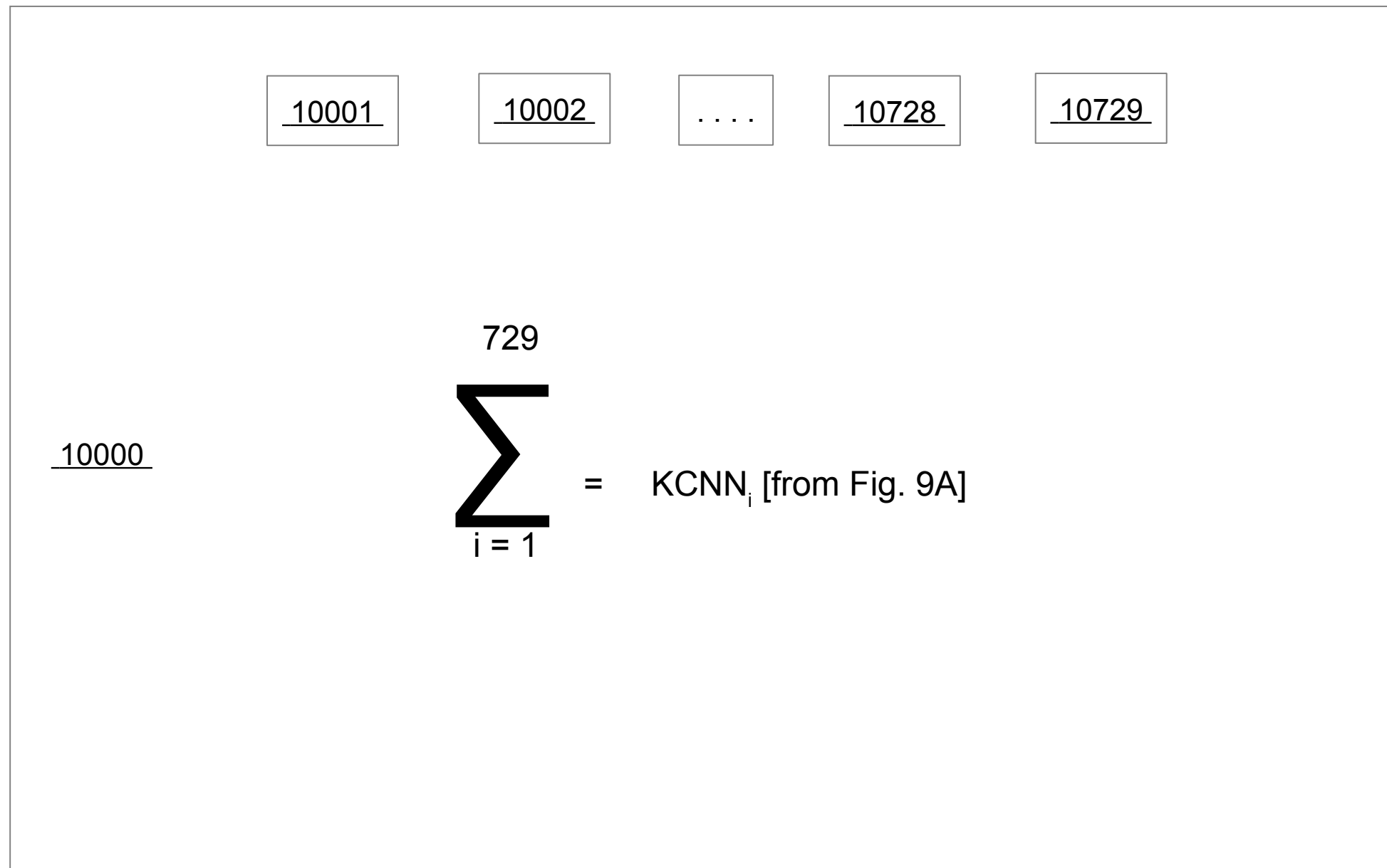Figure 9B. Flow diagram of a Kanban cell neuron network as a LUT

Figure 10. System level diagram of multiple Kanban cell neuron networks in blocks of tasks

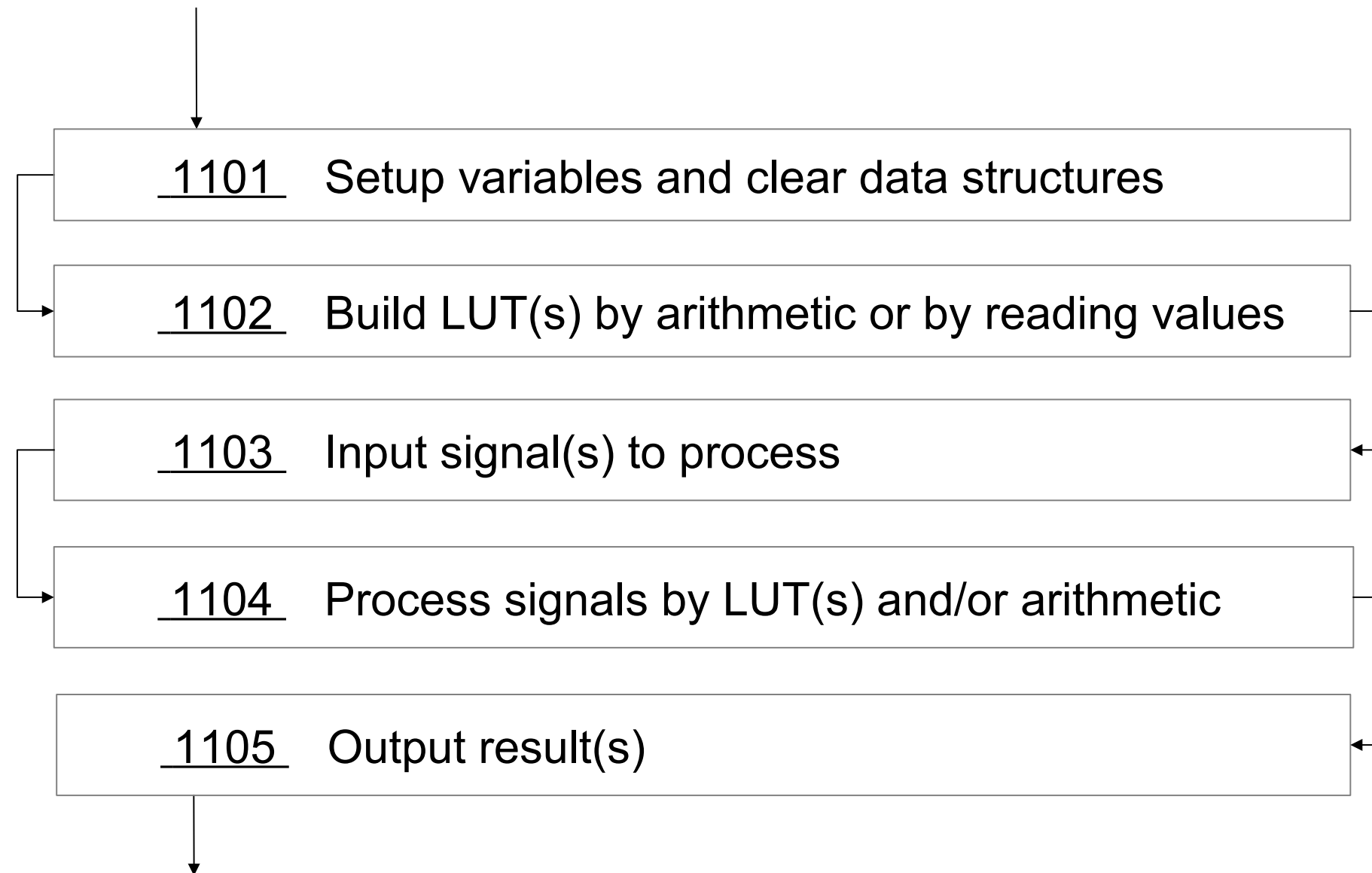|	
1101	Setup variables and clear data structures
1102	Build LUT(s) by arithmetic or by reading values
1103	Input signal(s) to process
1104	Process signals by LUT(s) and/or arithmetic
1105	Output result(s)

Figure 11. Behavioral diagram of the Kanban cell neuron network in blocks of tasks