explicitní	implicitní
$\frac{h_t - h_{t-1}}{\triangle t} = f(h_{t-1}, t-1)$	$\frac{h_t - h_{t-1}}{\triangle t} = f(h_t, t)$

Generická buňka i v čase t.

	explicitně	implicitně
$L^3.t^{-1}$	$\frac{V_{i,t} - V_{i,t-1}}{\triangle t} = ES_{i,t}X + \sum_j^{inflows} Q_{j,t-1}^{in} - Q_{i,t-1}^{out} - Inf_{i.t}X$	$\frac{V_{i,t} - V_{i,t-1}}{\triangle t} = ES_{i,t}X + \sum_j^{inflows} Q_{j,t-1}^{in} - Q_{i,t-1}^{out} - Inf_{i.t}X$
L^3	$V_{i,t} = V_{i,t-1} + \triangle t \left(ES_{i,t}X + \sum_j^{inflows} Q_{j,t-1}^{in} - Q_{i,t-1}^{out} - Inf_{i.t}X \right)$	$V_{i,t} + \triangle t \left(ES_{i,t}X + \sum_j^{inflows} Q_{j,t}^{in} - Q_{i,t}^{out} - Inf_{i.t}X \right) = V_{i,t-1}$
$(\cdot 1/X)\ L$	$H_{i,t} = H_{i,t-1} + \triangle t \left(ES_{i,t} + \sum_j^{inflows} O_{j,t-1}^{in} - O_{i,t-1}^{out} - Inf_{i,t} \right)$	$H_{i,t} + \triangle t \left(ES_{i,t} + \sum_j^{inflows} O_{j,t}^{in} - O_{i,t}^{out} - Inf_{i.t} \right) = H_{i,t-1}$
	$q = aH^b; \quad a = xI^y; \quad ; A = \frac{a}{100N}; \quad O_{i,t} = A\frac{6\triangle t q_{i,t}}{L_i}$	
	$H_{i,t} = H_{i,t-1} + \triangle t \left(ES_{i,t} + \frac{A6\triangle t}{L_i} \sum_j^{inflows} q_{j,t-1} - q_{i,t-1} - Inf_{i,t} \right)$	
	$H_{i,t} = H_{i,t-1} + \triangle t \left(ES_{i,t} + \frac{A6\triangle t}{L_i} \sum_j^{inflows} a_i H_{i,t-1}^{b_i} - a_i H_{i,t-1}^{b_i} - Inf_{i,t} \right)$	$H_{i,t} - \triangle t a_i H_{i,t}^{b_i} + \triangle t \left(\sum_j^{inflows} a_j H_{j,t}^{b_j} \right) = H_{i,t-1} - \triangle t ES_{i,t} + \triangle t Inf_{i.t}$
		$H_{i,t} - \triangle t a_i H_{i,t}^{b_i - 1} H_{i,t}^1 + \triangle t \left(\sum_j^{inflows} a_j H_{j,t}^{b_j - 1} H_{j,t}^1 \right) = H_{i,t-1} - \triangle t ES_{i,t} + \triangle t Inf_{i,t}$
		$(1 - \triangle t a_i H_{i,t}^{b_i - 1}) H_{i,t} + \triangle t \left(\sum_j^{inflows} a_j H_{j,t}^{b_j - 1} H_{j,t} \right) = H_{i,t-1} - \triangle t ES_{i,t} + \triangle t Inf_{i,t}$