PARAMETARA SUSTAVA ANFIS

PARAMETRI: a: b; c; d; u premisi pravila i
p: q; r; u bonzelvensu pravila i

$$\mu_{A;(x)} = \frac{1}{1 + e^{b;(x-a;)}}$$
 $\mu_{B;(x)} = \frac{1}{1 + e^{d;(x-c;)}}$
 $\alpha'_{i} = \mu_{A; \cdot} \mu_{B;}$

Z; (x,y) = p; x +q; y + r; yk - stvarni izlaz sustava ok - izlaz +NF15-0

$$\sigma = \frac{\sum_{i=1}^{m} \alpha_i^2}{\sum_{i=1}^{m} \alpha_i^2} \qquad Ek = \frac{1}{2} \left(y_k - \sigma_k \right)^2$$

Azviranje pojedinih pavanetara:

STOHASTICKA VARUANTA: $\psi(t+1) = \psi(t) - \eta$: $\frac{\partial E_k}{\partial \psi}$ GRUPNA VARIJANTA! $\psi(t+1) = \psi(t) - \eta$. $\sum_{i=1}^{N} \frac{\partial E_k}{\partial \psi}$