





$$\mu_t^k = \frac{\sum_{i=1}^N (s_i * w_i * f_i)}{W}$$
(1)

$$W = \sum_{i=1}^{N} (w_i * f_i)$$
(2)

(2)
$$\sigma_t^k = \frac{1}{W} \sqrt{\sum_{i=1}^N (s_i^2 * w_i * f_i) * \sum_{i=1}^N (w_i * f_i) - \left(\sum_{i=1}^N s_i * w_i * f_i\right)^2}$$
(3)

$$T^{k} = \mu_{t}^{k} - \sigma_{t}^{k}$$

$$(4)_{2}$$

$$w_{i}$$

$$f_{i}$$

$$\mu_{t}^{k}$$

$$\sigma_{t}^{k}$$

$$T^{k}$$