

In formula (5) on page 7, the minimum is taken over k while the index i is redundant. Formula (5) should read:

Therefore,

$$\sigma^2(a) \leq \sigma^2 = \min_{1 \leq k \leq m} \sigma^2(v_k), \quad (5)$$

where $\sigma^2(v_k)$ is the variance of observed (noisy) expression of the k th gene and the minimum in (5) is taken over all the genes.