

Errata

Erratum: Physical aspects of evolutionary optimization and adaptation [Phys. Rev. A 40, 3301 (1989)]

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Two errors were noted in our article, and the corrections are listed below.

(1) In Fig. 5(d), sequence A belongs to structure C and vice versa.

(2) Equation (A2) of the Appendix contains two misprints in the second and third binomial coefficients of line 2. The corrected equation is given below:

$$P^*(m, l, k) = \frac{1}{N} \frac{1}{2^{\delta_{l,m}}} \binom{\nu}{m} \binom{\nu}{l} P(k = l + m - 2g)$$

$$= \frac{1}{N} \frac{1}{2^{\delta_{l,m}}} \binom{\nu}{l} \left\lfloor \frac{l}{l+m-k} \right\rfloor \left\lfloor \frac{\nu-1}{m+k-l} \right\rfloor, \quad m \leq l, \quad 0 < k \leq \nu, \quad (\text{A2})$$

where $N = (2^\nu - 1)(2^\nu - 2)/2$ is the number of triangles involving point A.

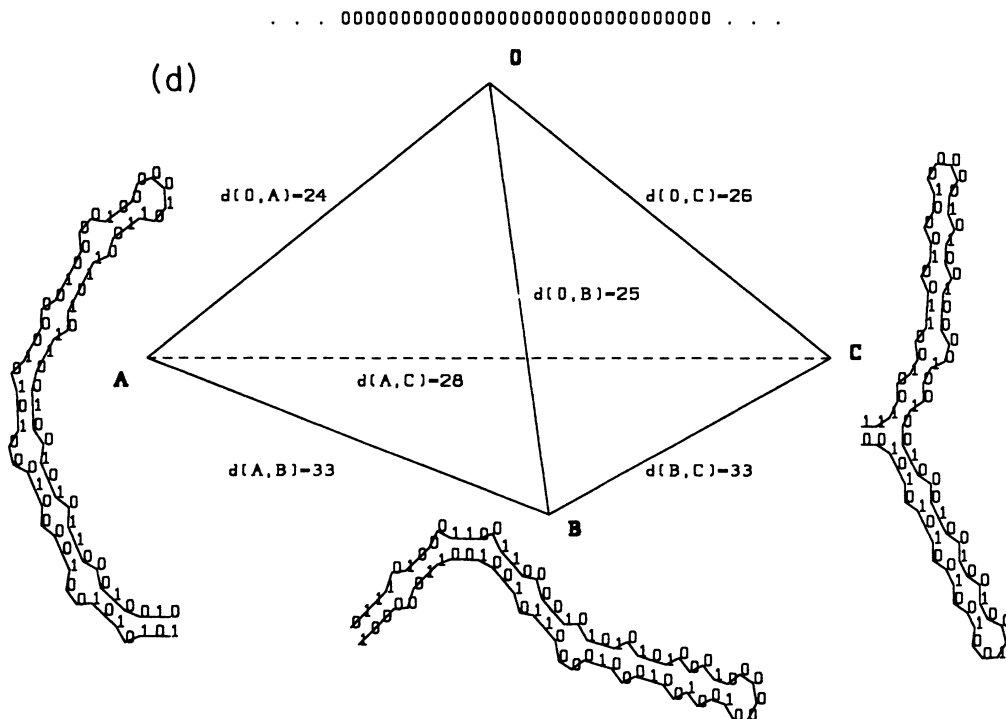


FIG. 5. (d) Shows the best and most frequent sequences at termination time of the three experiments A,B,C. The three quasispecies centered about these sequence are pairwise disjoint and localized in completely different regions of the sequence space as indicated by their Hamming distances.