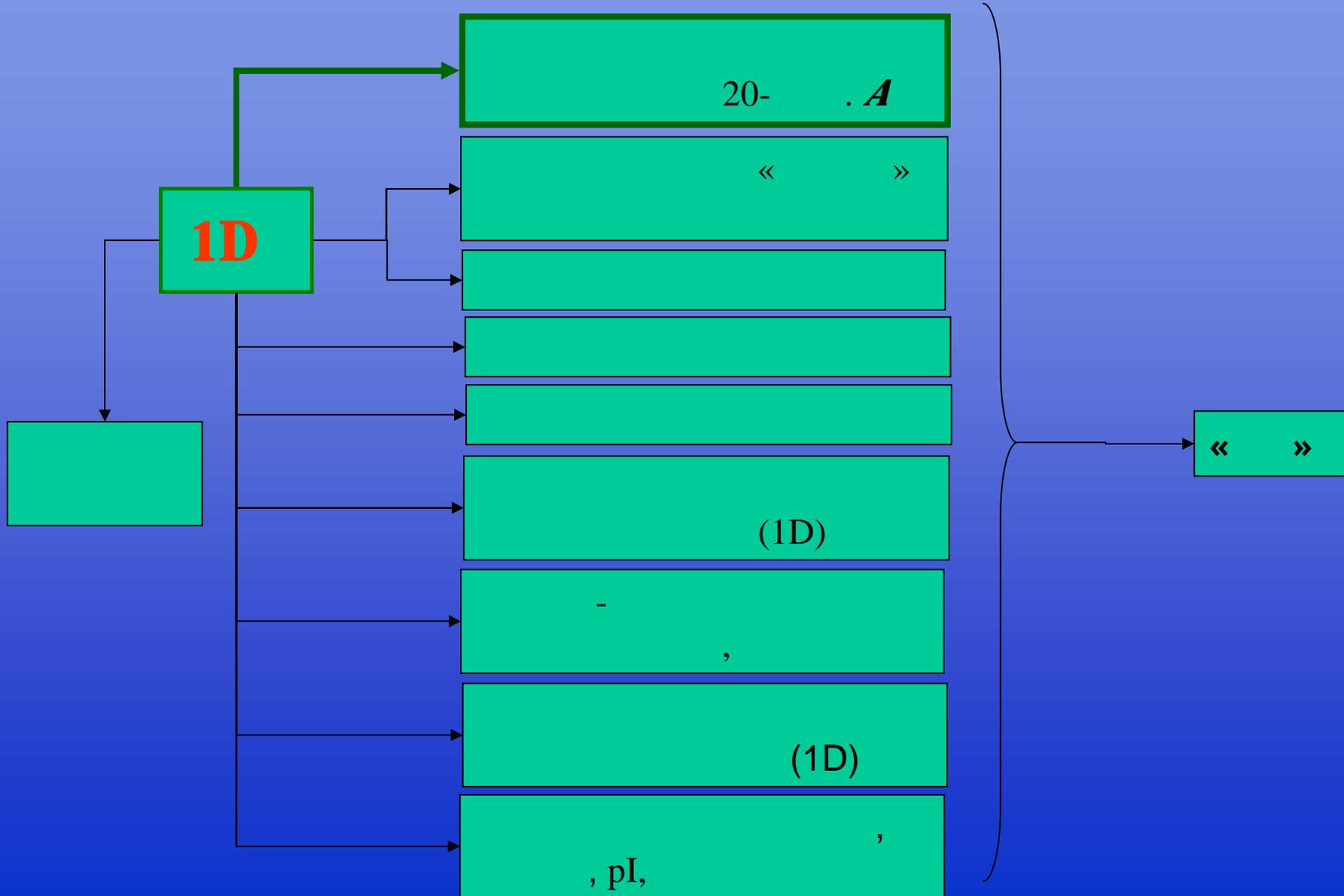
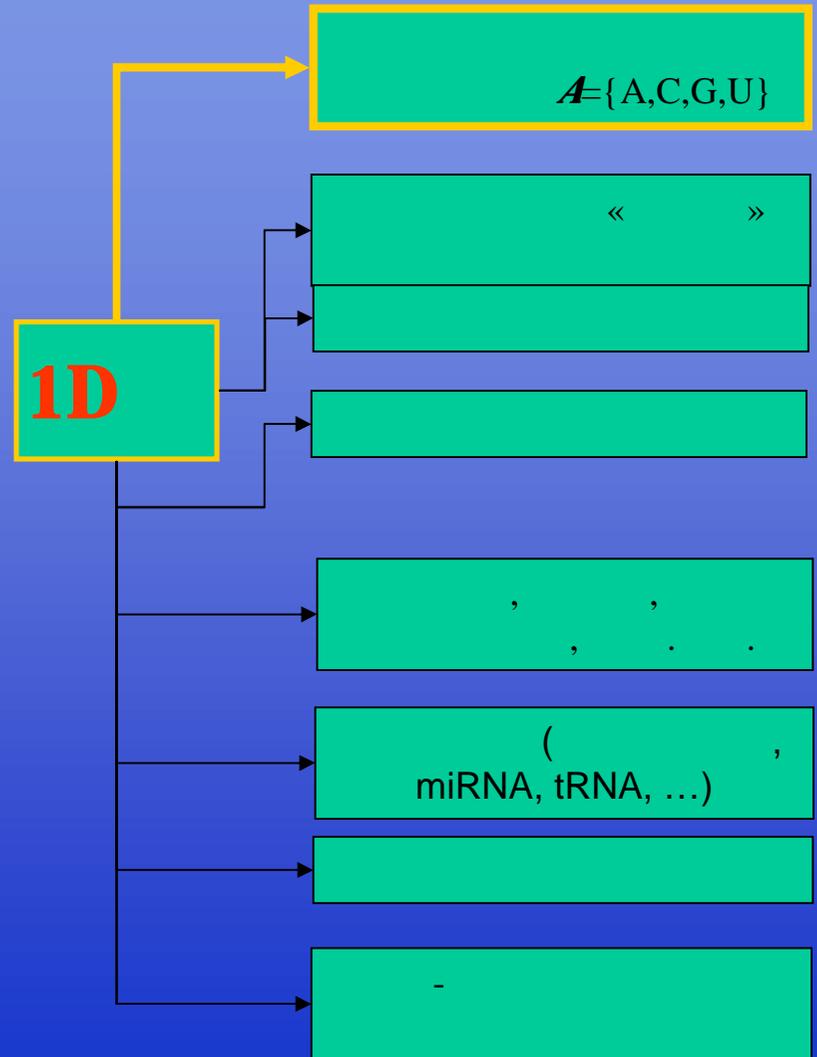
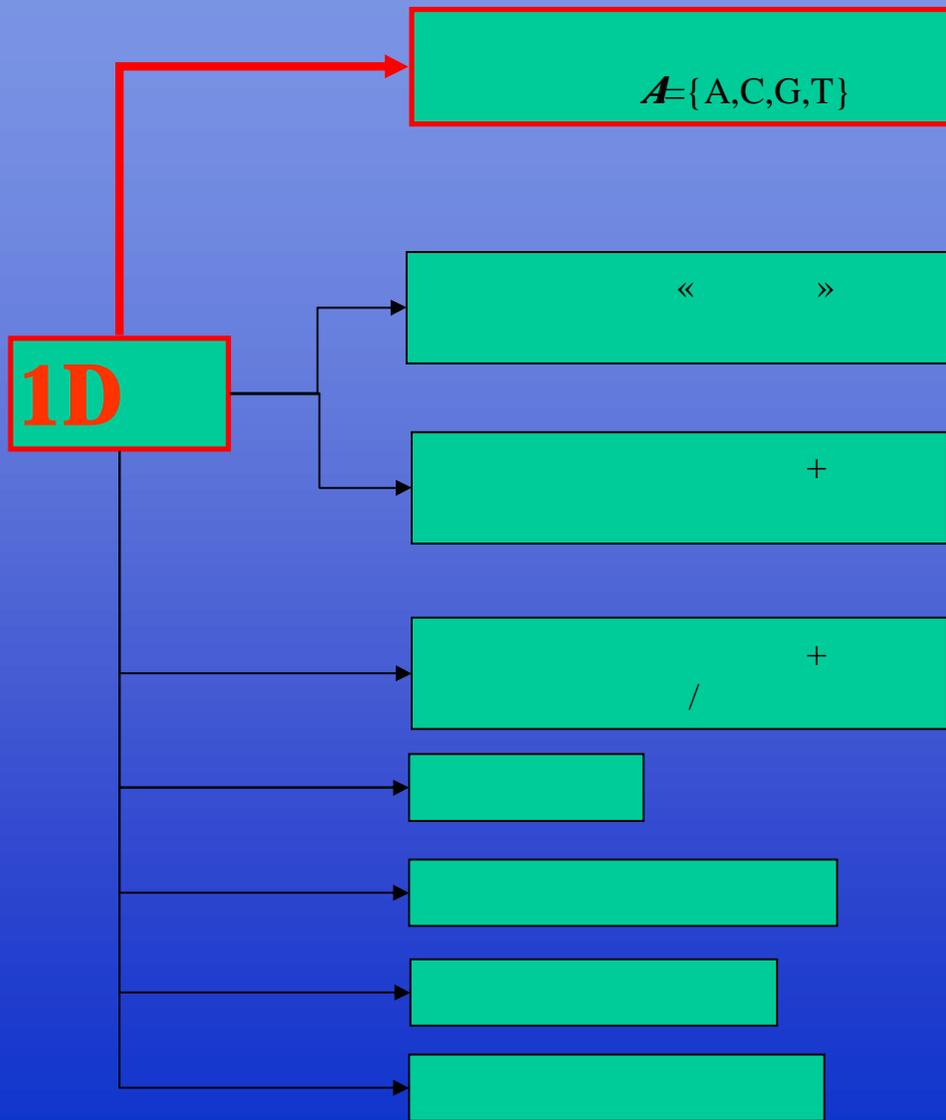


# - 1D

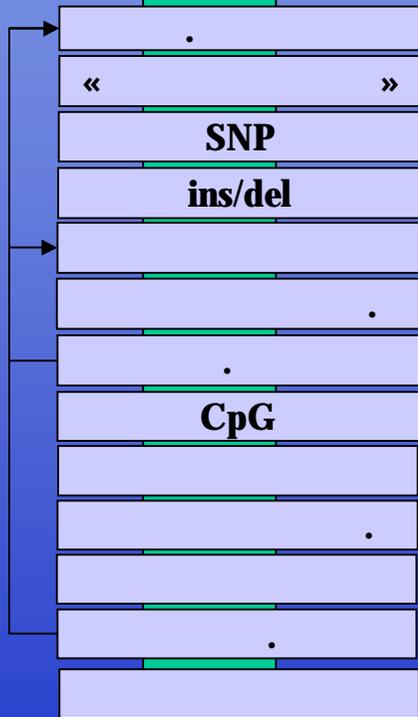


«1D >1D »

«1D >1D »



**1D**



**GENBANK**  $10^7$   
*www.ncbi.nlm.nih.gov/Genbank/*

**EMBL**  $10^8$   
*http://www.ebi.ac.uk/embl/*

**dbSNP**  $10^8$   
*www.ncbi.nlm.nih.gov/projects/SNP*

**EPD**  $10^4$   
*www.epd.isb-sib.ch/*

**DBGET TRANSFAC**  $10^5$   
*http://www.genome.jp/*

**DBD**  $10^4$   
*www.transcriptionfactor.org*

**Other DBs...**  $10^n$

**CpG**  $10^4$   
*data.microarrays.ca/cpg/*

**MethDB**  $10^4$   
*www.methdb.de*

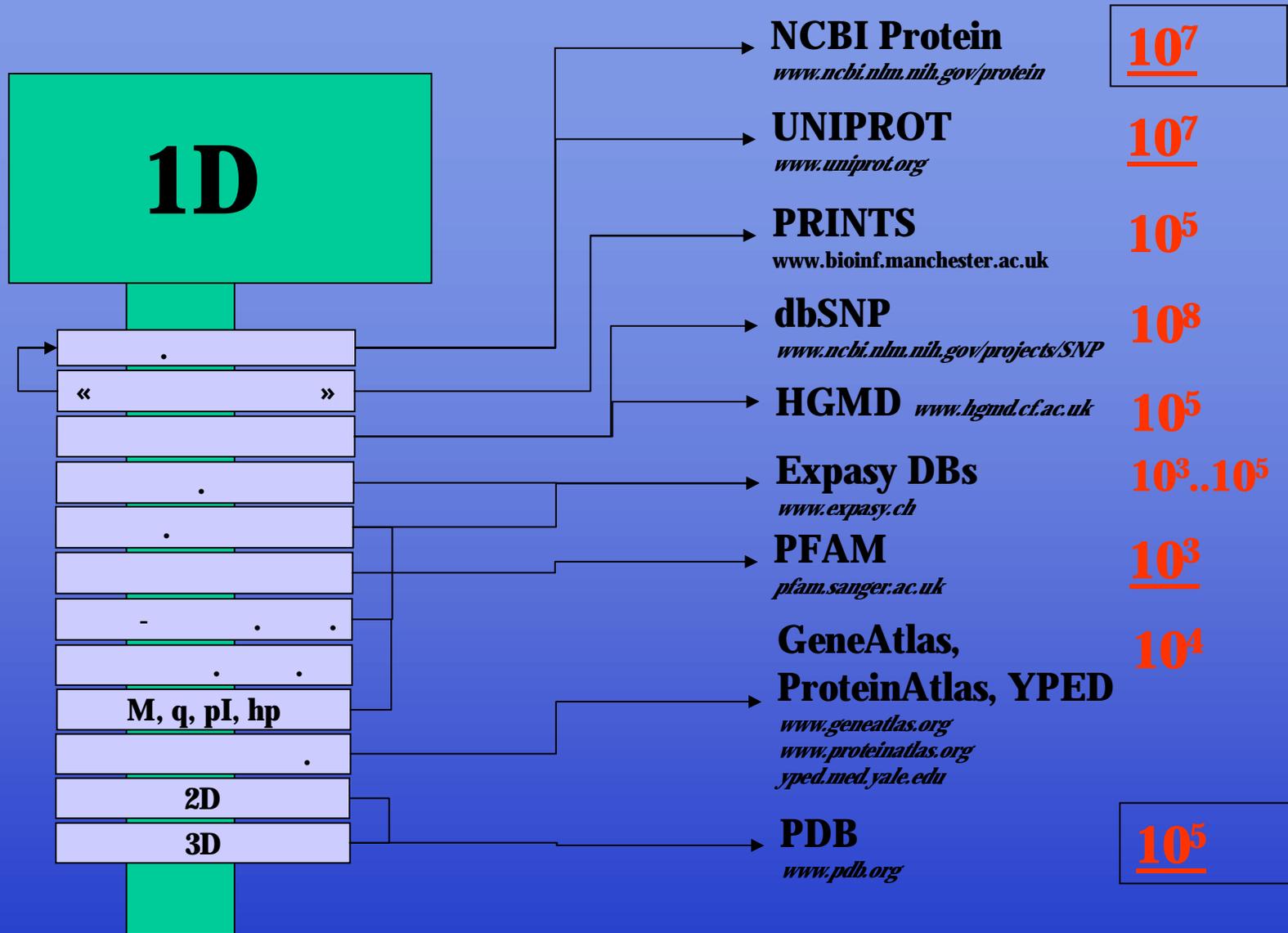
**TisD**  $10^3$   
*transposon.abcc.ncifcrf.gov*

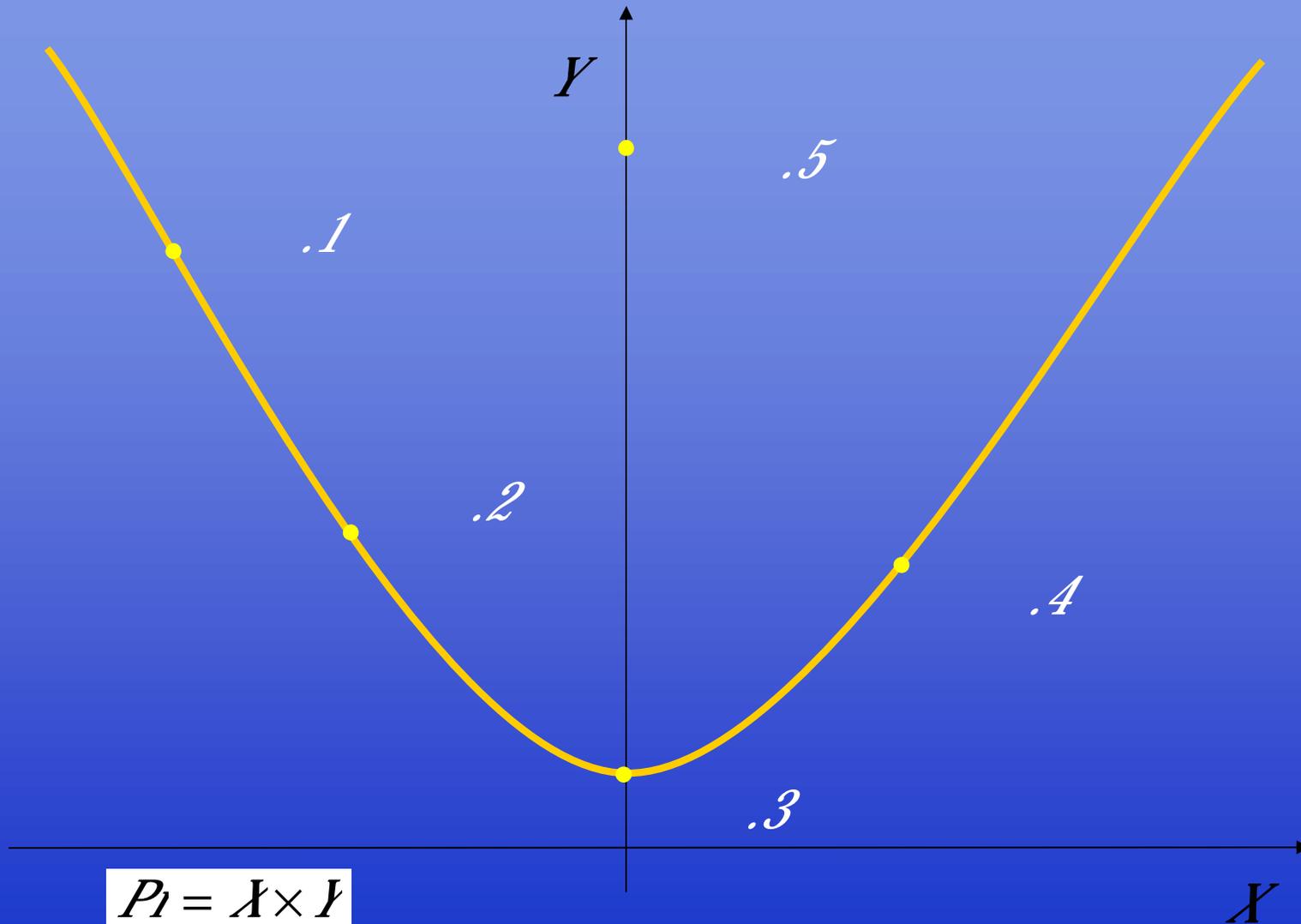
**HumHT**  $10^3$   
*www.jcasr.ac.in/humht/*

*cross-ref*

**MEDLINE**  
*www.ncbi.nlm.nih.gov/pubmed*







$$P_1 = X \times Y$$

~~$$\exists A(X) \equiv \forall (x_1, y_1), (x_2, y_2) : x_1 = x_2 \Rightarrow y_1 = y_2$$

*Pr*~~

⋮

(1D > 2D )

2D 3D

•

=

20-

3-

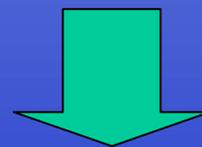
VHLTPEEKSA...



LLLHHHHHHH...

«A»

$A = \{A, C, D, E, F, G, H, I, K, L, M, N, P, Q, R, S, T, V, W, Y\}$



«B»

$B = \{H, S, L\}$

ATVKFYKGEKEVDISKIKKVRVGKMISFTYDEGGGKTGRGAVSEKDAPKELLQMLEKQK  
 LLLSSSSSSLLLLLLSSSSSSLLLLLLLLHHHHHLLLLLL 1  
 LSSSSSSLLSSSSSSHHHSSSSSSLLLLSSSSSSLLLLLLSSSSSSLLLLLLLLHHHHHLLL 2  
 LLSSSSSSLLSSSSSLHHHLLSSLLLLLLSSSSSSLLLLLLLLLLLLSSLLLLLLLLHHHHHHHLL 3  
 LSSSSSSLLSSSSSSHHHSSSSSSSSLLLLSSSSSSSSLLLLLLSSSSSSSSHHHLLHHHHHHHHHLL 4  
 LSSSSSSLLLLSSSSSSHHHSSSSSSSSSSLLLLSSSSSSSSLLLLLLSSSSSSSSLLLLLLHHHHHHHHHLL 5

- 1- (50 .), pH=4.5, =300K, F31A
- 2- (35 .), =4.5, =300
- 3- , =6.5, =123 , +
- 4- (50 .), =5.0, =323 , +
- 5- , =6.5, =287 , +

-  
 - -  
 pH -  
 T -