

Aug 1 1900 - 9:00 AM
in sun, light as usual
in shade, dark as usual.
In sun, light as usual.
In shade, dark as usual.
Aug 2 1900 - 10:00 AM
in sun, light as usual.
In shade, dark as usual.
Aug 3 1900 - 10:00 AM
in sun, light as usual.
In shade, dark as usual.
Aug 4 1900 - 10:00 AM
in sun, light as usual.
In shade, dark as usual.
Aug 5 1900 - 10:00 AM
in sun, light as usual.
In shade, dark as usual.
Aug 6 1900 - 10:00 AM
in sun, light as usual.
In shade, dark as usual.
Aug 7 1900 - 10:00 AM
in sun, light as usual.
In shade, dark as usual.
Aug 8 1900 - 10:00 AM
in sun, light as usual.
In shade, dark as usual.

the Δ is as follows:

in the equation of the total
area there needs to be introduced
some Δ 's by which D_2 can
be expressed.

The Δ is as follows after some
time Δ 's are used, the last
one is obtained from the
 Δ which D_2 is derived.

(see Δ page 10)

$\Delta D_2 = \frac{\partial D_2}{\partial x} \Delta x + \frac{\partial D_2}{\partial y} \Delta y + \frac{\partial D_2}{\partial z} \Delta z$

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of a hydrogen atom
if $|v| > 1.7 \times 10^6$
cm sec⁻¹

$\text{E} = \frac{1}{2} m v^2$
 $= \frac{1}{2} \times 1.67 \times 10^{-27} \times (1.7 \times 10^6)^2$
 $= 2.2 \times 10^{-17} \text{ erg}$

1) $\{x \in \mathbb{R} : x^2 < 4\}$
2) $\{x \in \mathbb{R} : x^2 = 4\}$
3) $\{x \in \mathbb{R} : x^2 \geq 4\}$
4) $\{x \in \mathbb{R} : x^2 > 4\}$

5) $\{x \in \mathbb{R} : |x| < 2\}$
6) $\{x \in \mathbb{R} : |x| = 2\}$
7) $\{x \in \mathbb{R} : |x| \geq 2\}$
8) $\{x \in \mathbb{R} : |x| > 2\}$

1. *Capitellum* (the upper part)
 2. *Abdome* (the lower part)
 3. *Legs* (the jointed feet)
 4. *Antennae* (the feelers)
 5. *Wings* (the thin, transparent wings)
 6. *Abdominal segments* (the jointed body)

Study the following parts of a butterfly, and try to find them in your book.
 1. *Antennae* (the two long, thin, jointed feelers)
 2. *Wings* (the four large, thin, transparent wings)
 3. *Legs* (the six jointed legs)



$$P_{\text{loss}} = \overline{P_{\text{loss}}^{\text{left}}} + \begin{pmatrix} \text{loss}_1 & \text{loss}_2 \\ \text{loss}_3 & \text{loss}_4 \end{pmatrix}$$

2. What is the best way to teach
3. What is the best way to teach
4. What is the best way to teach
5. What is the best way to teach
6. What is the best way to teach
7. What is the best way to teach
8. What is the best way to teach
9. What is the best way to teach
10. What is the best way to teach

Fig. 3 (cont'd) January 1972
 Specimen 7
 a. L. m. subspecies
 b. Head of same chick as in
 Fig. 3 (a). Note the
 thin yellowish band
 across culmen.
 c. The 10 g. unfledged chick
 (Fig. 3 (b)) on 20
 December 1971.

 (a) by James Bond. Note bright
 yellowish-yellow band on
 bill. (b) by D. W. and
 James Bond. Note dark
 brown upper parts, yellowish-yellow
 band on culmen, and the
 lighter-colored (yellow) wing
 coverts. (c) unfledged chick
 by D. W. and James Bond.

the first time it is introduced
in the text you cannot
tell for sure what it means
unless you have seen
it before and you know
that it is a term
in mathematics and you know
that it is used to denote
something that is not
known or understood
unless you have seen
it before and you know
that it is a term
in mathematics and you know
that it is used to denote
something that is not
known or understood

(iii) Suppose the columns
are not orthogonal.
Then $A = \begin{pmatrix} A_{11} & A_{12} \\ A_{21} & A_{22} \end{pmatrix}$
and $B = \begin{pmatrix} B_{11} & B_{12} \\ B_{21} & B_{22} \end{pmatrix}$
so that $C = \begin{pmatrix} C_{11} & C_{12} \\ C_{21} & C_{22} \end{pmatrix}$
and $D = \begin{pmatrix} D_{11} & D_{12} \\ D_{21} & D_{22} \end{pmatrix}$
Now $C = A^T B$ so that
 $C_{11} = A_{11}B_{11} + A_{12}B_{21}$
 $C_{12} = A_{11}B_{12} + A_{12}B_{22}$
 $C_{21} = A_{21}B_{11} + A_{22}B_{21}$
 $C_{22} = A_{21}B_{12} + A_{22}B_{22}$
and $D = B^T A$ so that
 $D_{11} = B_{11}A_{11} + B_{12}A_{21}$
 $D_{12} = B_{11}A_{12} + B_{12}A_{22}$
 $D_{21} = B_{21}A_{11} + B_{22}A_{21}$
 $D_{22} = B_{21}A_{12} + B_{22}A_{22}$

1. $\{A_1, A_2, \dots, A_n\}$
 2. $\{B_1, B_2, \dots, B_n\}$
 3. $\{C_1, C_2, \dots, C_n\}$
 4. $\{D_1, D_2, \dots, D_n\}$
 5. $\{E_1, E_2, \dots, E_n\}$
 6. $\{F_1, F_2, \dots, F_n\}$
 7. $\{G_1, G_2, \dots, G_n\}$
 8. $\{H_1, H_2, \dots, H_n\}$
 9. $\{I_1, I_2, \dots, I_n\}$
 10. $\{J_1, J_2, \dots, J_n\}$
 11. $\{K_1, K_2, \dots, K_n\}$
 12. $\{L_1, L_2, \dots, L_n\}$
 13. $\{M_1, M_2, \dots, M_n\}$
 14. $\{N_1, N_2, \dots, N_n\}$
 15. $\{O_1, O_2, \dots, O_n\}$
 16. $\{P_1, P_2, \dots, P_n\}$
 17. $\{Q_1, Q_2, \dots, Q_n\}$
 18. $\{R_1, R_2, \dots, R_n\}$
 19. $\{S_1, S_2, \dots, S_n\}$
 20. $\{T_1, T_2, \dots, T_n\}$
 21. $\{U_1, U_2, \dots, U_n\}$
 22. $\{V_1, V_2, \dots, V_n\}$
 23. $\{W_1, W_2, \dots, W_n\}$
 24. $\{X_1, X_2, \dots, X_n\}$
 25. $\{Y_1, Y_2, \dots, Y_n\}$
 26. $\{Z_1, Z_2, \dots, Z_n\}$

the (n_1, n_2, \dots, n_m)
of $\frac{a^m}{b^m} = \frac{n_1}{n_2} \cdots \frac{n_m}{n_m}$

where n_i are
the components of b^m ,
 n_i which are
prime to each other.

Thus if the value of
 a^m is represented
by n^m , then n^m
is the sum of all
terms.

Similarly if the value of
 b^m is represented
by m^m , then m^m
is the sum of all
terms.