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(9) -C=1.5

(10)

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$$m + \frac{a_n}{(P+a)^n} \qquad (A + \frac{a_n}{(P+a)^n})$$

ears as the special case n = 1 is also the in which $a_2 = 0$. With $a_1 = 1 - (m/K_0)$, equates the for $a_2 = 1 - (m/K_0)$, equation for $a_1 = 1 - (m/K_0)$, into the right one equation, equation 1, ities are

$$\frac{b}{g(P+a)} \tag{A}$$

$$\frac{c}{(+a)\log(P+a)}$$
 (A)

APPENDIX B. EXTRAPOLATION FORMULA FOR COMPRESSION FROM EQUATION 7

By replacing dP in equation 8 with d(P + a), see that it is of the form

$$V \,=\, \exp\left[\,-\int \frac{x \; dx}{bx^2 \,+\, cx \,+\, d}\,\right]$$

The integral in the exponent is

$$\frac{1}{2b} \ln (bx^2 + cx + d) - \frac{c}{2b} \int \frac{dx}{bx^2 + cx + d}$$
(B1)

where

$$b = m, m > 0$$
$$c = (1 + A - am)$$
$$d = -aA$$

In writing the expression for

$$\int \frac{dx}{bx^2 + cx + d} \tag{B2}$$

it is of interest to know the sign of $q=c^2-4bd$; that is, we have $q=(1+A-am)^2+4amA>0$ if a, A, and m are all positive. This is the usual case since ordinarily $(K_0'-m)>0$ and $C=(K/K_0)_0''<0$, and this requires

