



Descriptio Febrium Intermittentium in Genere Et Speciatim Febris Intermittentis Quotidiana Et Quartanae .

By -

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The corresponding real value of G and G_A is obtained by integrating (3.4) from 0 to 7.00 with an appropriate treatment at the generalised inflection point. Such a calculation predicts that the neutral value of G and G_A is 0.645065. (3.8) However, of greater significance are the unstable eigenmodes. Figure (3.1) illustrates the dependence of the growth rate, t , on the real wavenumber k and α . We see that the growth rate attains its maximum value of 0.256853 at $k = 0$ and $\alpha = 0.143619$; further it turns out that the acoustic modes have smaller growth rates (see below) so that this is the most unstable inviscid mode for a hypersonic boundary layer. In Figure (3.2) we show the eigenfunction of the...



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