Trapezoid Rule Approximate f(x) α $\int_{a}^{a} f(x) dx \approx \int_{a}^{a} \left($

as a linear function:

(4)7

n=b-g

) d_×

=

= $\times_1 = \omega_1 =$

x 2 = W2 =

Local truncation error: e=

(Hobel erm: E=