T- 5x03 $V_{m} = \frac{V_{m-n}}{2} \left(1 + v_{m}^{(1)} \right) + \frac{V_{m-n}}{2} \left(1 + v_{m}^{(2)} \right) - \frac{V_{m-n}}{2} \left(2 + v_{m}^{(1)} + v_{m}^{(2)} \right)$ $= \frac{\left(\sqrt{N-2}\left(2+r_{m-1}^{(a)}+r_{m-1}^{(2)}\right)}{2}\left(2+r_{m}^{(a)}+r_{m}^{(2)}\right) = \frac{\sqrt{N-2}\left(2+r_{m-1}^{(a)}+r_{m-1}^{(2)}\right)\left(2+r_{m}^{(a)}+r_{m}^{(2)}\right)}{2\cdot2}\left(2+r_{m-1}^{(a)}+r_{m-1}^{(2)}\right)\left(2+r_{m}^{(a)}+r_{m}^{(2)}\right)$ $= \frac{\sqrt{n-n}}{2^{n}} \frac{m}{1=1} \left(1+r_{1}^{(1)}+1+r_{1}^{(2)}\right) = \frac{\sqrt{o}}{2^{n}} \frac{m}{1=1} \left(\frac{x^{(1)}}{e^{n}} + \frac{x^{(1)}}{e^{n}}\right) = \frac{\sqrt{o}}{2^{n}} \frac{m}{1=1} \left(\frac{x^{(1)}}{e^{n}} + \frac{x^{(1)}}{e^{n}}\right) = \frac{\sqrt{o}}{2^{n}} \frac{m}{1=1} \left(\frac{x^{(1)}}{e^{n}} + \frac{x^{(2)}}{e^{n}}\right) = \frac{\sqrt{o}}{2^{n}} \frac{m}{1=1} \left(\frac{x^{(1)}}{e^{n}} + \frac{$ $1+r_{in}^{(n)} = \frac{S_{in}^{(n)}}{S_{in}^{(n)}} = \frac{Z_{in}^{(n)} - Z_{in-1}^{(n)}}{Z_{in}^{(n)}}$ = f(Zm 13mg) b) X (1) = Z (1) - Z (1) = log ((1) (1) ~ Xm+1 = tog (5m+1) c) Luts = - V + V = - V (xmts xmts) + Vm =. Vm (1 - exmen - exmen) => $f_{m1}(x) = V_{m}(1 - \frac{e^{x_1}}{2} - \frac{e^{x_2}}{2})$

los(x) = - 2 /n-1 (e 211-21-1) X;