Quiz #3 ジェのシナトテナレシ C= 7.5 2. 7. 7 = 2 (,2 Co X. X. 3. +(x) = 90 + & dn Sin(nx) + bn Costnx) 0000 Sinx = da fansin(x) an = 1 b= 0 2). Cn. -= 40 (Sin(nxy/a) Sin(nxz/a) dy dz = 900 (sinfayla) dy (sin(nazla) dz $\int_{0}^{0} \sin(\frac{\pi y}{a}) dy = -co)(\frac{\pi y}{a}) \frac{a}{\pi} = \frac{a}{\pi} \left[co)(\pi) - co_{2}(0) \right] = \frac{2a}{\pi}$ $= \left\{ \begin{array}{ll} C & \text{if } n \text{ i, even} \\ \frac{16V_{0}n}{\pi^{2}h} & \text{if } n \text{ is odd} \end{array} \right.$