

((Fe(x, y, 2) dxdy sin(d,x) sin(pmy) = Ann cosh (thm 2) = 2 Ann = 4 Sdrdy & (x, y, 2) Sin (thx) Sin (Smy) At 2= 2, E(x,y)=V, so this can he computed explicitly I dady \$(x,y) | Sih(tnx) Sin(Bmy) = VSS Sh(dnx) Sh(Bmg) $= \left(\sqrt{\frac{z^{\alpha}}{n\pi}} \right) \left(\frac{z^{\alpha}}{n\pi} \right) \qquad h, m \text{ both odd}$ other use. => - Ann = 4 - 1 V 29 29 not my e n,m both add. = 16 V TI nm cosh (rnm = 2)

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