Couiz =10



show that in case of pasticle in box V(a) . x . V (a) doc $\int \sin(n\pi x) \propto dx$ 'sin (2m) [x]x] was a was da (sin2 (nrx x) 22 doc 20 Sinzicx + (- 3x cos2x + 1 cos2x 2x x 2 2x x 2



