



(3) A douthourd is modelled by a disk of 42 & 1.
3 A douthound is modulled by a disk $y^2 + y^2 + 1$. A dout lords on the board of a point uniformly distributed obout its area. Let (X,Y) be its coordinates.
(1) Compute marginal PDFs of X and Y
(e) And X, Y holepsedul?