UBAH CHIEMELIE Computer science 19/50101/087 MAT 201 y = arctan 3x4
Assignment 1) dy = d arctan3x4 let u = 3 x 4 $\frac{dy}{dx} = \frac{d \arctan 4}{dx}$ $\frac{dy}{dy} = \frac{1}{4^2 + 1}, \quad \frac{du}{dx} = 12 \pi^3$ Using the chain rule,

dy = dy × dy

du dy =1 0 12×13 2 12 x 3 2 12 25 (32 4) 41 = 12x3
qx8+1 y z aresmak 2.1 WERE BUILDING & STANDERSK du = d sm - 3k let a z 3/L 3 50, du z d sm-1 a

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dx dx
het u = 22 To, dy 2 d are sin 4 dy = 22 dy = 1

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