27.01. 2021 busias Luchale sorisa la tombre analisa materiatica gr. 212 Permale idres 2027 1,5 1) Itudiati existenta delivatelar dupo di-rectie ale function: f (x, y) = 3/x x, in protected (0,0). Este function derivation partial in acest quest? Justificate 1,5 D Edeulati integrale improprie: 2 3) Fie functia f: (0,+0) > R, f(x,y)= x 5> + = Determinati et. = olk a. 2. 2. * Jif (x, y) + 2 3 + (x, y) + $+ \frac{x}{y} \cdot \frac{\partial^2 f}{\partial x \partial y} (x, y) = 0, \quad \forall (x, y) \in (0, \infty)^2$ 2 3 Eacheluti: a) lim 1+ \frac{1}{2} + ... + \frac{1}{n}









