Problema 3.2 Je dan vectorii à (3,-1,-2) si 6(1,2,-1). Joi se colouleze: ax b, (2 à + b) x b, (2 à + b) x (2 à + b) Tre a=(x1/17) si b=(x', y', Z'), atumci: axb = (47 - EY | EX'-X E', X Y'-YX') -> -> -> -> = (3,-1,-2) x (1,2,-1)= = ((-1).(-1)-(-2)-2, (-2).1 -3.(-1), 3.2-(-1).1)= = (1+4, -2+3, 6+1) = (5,1,7) (2a+6)) x 6 = ? 2 = 2.(3,-1,-2)+(1,2,-1)= = (6+1, -2+2, -4-1) = (7,0,-5) (2a+b) xb= (7,0,-5) x (1,2,-1)= = (0.(-1)-(-5)-2, (-5).1-4.(-1), 4.2-0.1) = (0+10, -5+7, 14-0) = (10,2,14) (2a+6) x (2a-6)=7. 20-6=2.(3,-1,-2)-(1,2,-1)= = (6-1,-2-2,-4+1)=(5,-4,-3) (2a+6) x (2a-6) = (7,0,-5) x (5,-4,-3)= = (0.(-3)-(-5).(-4), (-5).5-4.(-3), 7.(-4)-0.5)= = (0-20, -25+21, -28-0)= = (-20, -4, -28)