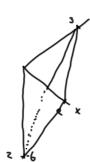
6.9: 1, 2 d e), 6.10: 14, 2 b, o), 3 a, e), d), e), 5,7 6.11: 1,3,6,11

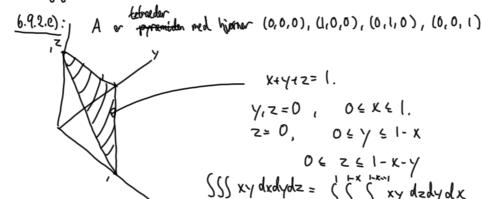
6.9.2.d): A = området orgrenset or xy, yz og xz-planene og planet 3x+2y-z=6



SSS (34°-32) dxdydz Sett Y, z=0, 0 = 3 x = 6, 0 = x = 2 Sett z=0, 0 = Qy = 6-3x, 0 = y = 3-3 = x 3x + 2y-6 = z = 0

- 3x 0 (3y 2-3z) dz dydx = \(\int \) \(\left(3y^2 z - \frac{3}{2}z^2 \right)^2 = 0 \\ dydx

= \(\int \) - 349(3x+24-6) + \(\frac{3}{3}(3x+24-6) \) dydx



Y, Z=0, 0 & X & 1. SS xy dxdydz = SS S xy dzdydx

= \(\left\ \ \x \left\ \x \left\ \x \left\ \x \reft\ \x

* SSS f(x,y,z)dxdydz = SSS f(rcos0, rsin0,z)rdrd0dz (sylinderwoordinator)

** CS fexy, 2) doody dz = SSS f(poss boing, poss por d, poss d) p° sond dp dd do (vulewoordinater)

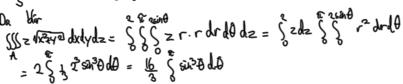
6.10.1c): A= 1 (N,4,2): x3+ (4-1)2 = 1,0=2=2] S = {(x,y): x2+ (4-1)26 13

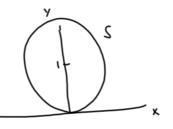
SSS = 1/23/2 gxghygz = S(S) = 1/23/2 gxgh) ys

S en someder med radius 1, senter (0,1)

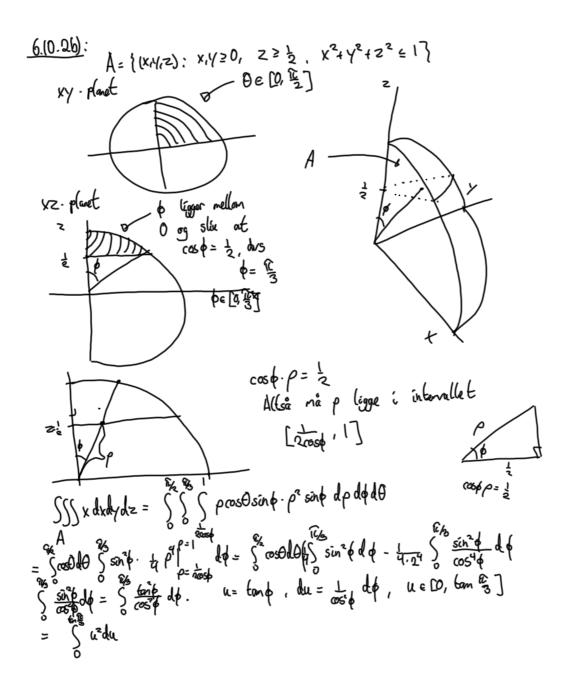
se 1999 6.3.3a)

Signialy = & & flucoso using) upop

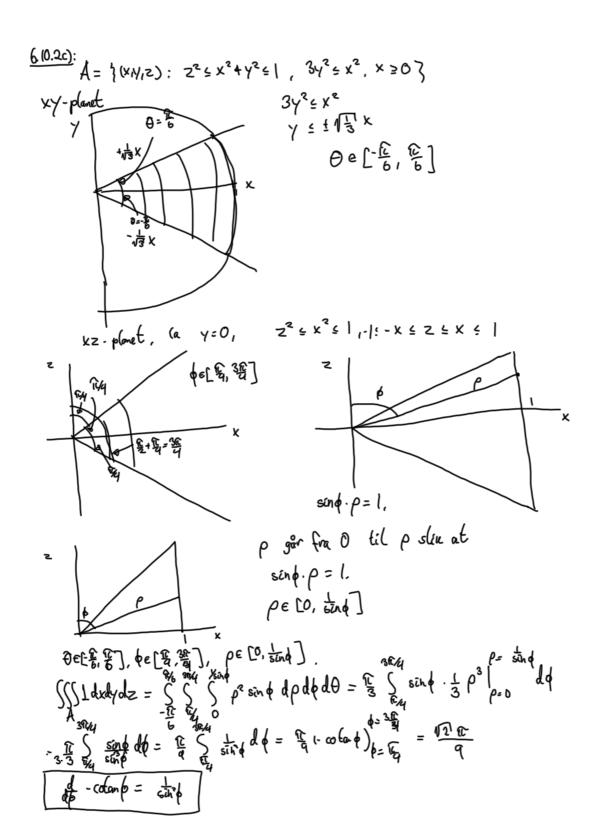




20032012.notebook March 20, 2012



20032012.notebook March 20, 2012



n(-2-(42-2+2))= 2-62