

\$1 = 4 , \$2 = 4 5-2 5+2 [-1(\$) = 422t , [-1(\$2) = 4 2-26 1-1(a(s)) = 1 4e-2+ ex(2-1) 4 day 16 Ja2+-44 dy
.16 Je2+00-40 J. = -4 [e2t-44] 6

= -4 [e^{2t}_ e^{2t}] = .9 .e^{2t}_ e^{-2t} = 2

8 sinh 2 t

1 (1 109 (32+4)) \$(5) = 11075244 = 1095249 = 1095249 p'(s) = 1 1-1(\$(s)) = -1.1-1(\$'(s)) 1000,2t - cos3t & = 1. (cos3 t - cos2 t)