/31年73/校院 $3) \lim_{x \to 0} \frac{\sin(xx^3)}{x((-\cos x))}$ U) lin singo singx 1/in 2x2 = 4.4 = SX = 53 H 3) lin Snx-ranx 20 ×ln(1+2) y lin losx X70 Xsnx = lin tanx(cosx-1) exlim lalitoox-1)
XSINX X30 X.K $=\lim_{x\to 0} \ln(1-\frac{x^2}{x}) = \frac{-x^2}{x^2} = \frac{1}{2}$ - [IM X (-x²) - 24 x+10 - x3 - -24 (S) lym show (min & M) 6) (7m 2snx-snvx) - Lin 2 sinx - 2511X WSX lim xm _ lm 2slnx (1- cosx)
x2canx 40, mon 1, m=n = lin 2·x·x² = 1. 1 00 man 47/1m/+006(QX) X3/ (1-X) 12 1-1-X -0. 191-1050 ~ [at] & lim JI+X(anx - 65X X20 (3×1) ln U+X) - lin 1+ xux - 662X X30 Xln3·X()/+XenX-cax) - lin sinx + xyanx X0 x lin x ... X0 Xln3·XLJ/+XzanX - 605X) = lim = 2x2 = 1 ×30 ln3. \(\frac{1}{2} = \land \land \frac{1}{2} \)

