Ma =- n2sinnx sinh.ny 4. Ux=ncosnx smhhy dy smnt. nos = 1 uxx +uyy smhay = 175mh ny = -n25m(nx)sinh(ny) +n2 smnx smhony) 5.24. NE-MXXXXV=0. = PASSIFERENT! 4.二阶、作线性、方法、 16). Mx (/+Ux²) = + uy (1+ uy²)-= -0 一門非组色不太 8) ut + uxxx + MT+4 =0. 回所非线性方次 6.(1). Ux+2xy2uy=0 数 数 + 2xy2数 =0 引 数 = 2xy2 24- Cx 7 x2+ = (7 MX, 4/= f(x+4) (4)-11+x2/ux+uy=0 7. dy = +x2. > y=arctanx+C 3). aux+buy+(u=0 7. dy- 2 74-2x=c. U=(e-&x)
-7 uxxy=f(y-2x)x.e-&x.

