Solution: () a) x2+ (7/4) + 22=1: ellipsoid η=0: χ² + 2² = 1: circle radiuntited at (0,0) of b) (x/3)2+ (4/5)2-522=1. hyperbolical (soc short) 4=1: (x/3)2+ 1/25 -5+2=1 $=) \left(\times |3|^2 - 52^2 = 24 |25| \right)$ hyperbola c) y=3x2; porabolic cylinder Z=27: porabola on plane t=27 (2) a) x2 + y2 - 22 = 1 : hyporlilid (one short)



