



1. vspocet objemn

· do válcorách sonvadnízi

det ()p) = 1 (cosq . n. cosy - (- n. sing. sin 4= ~ (cos 2 9 + sin 2 9) = ~

· rozsah integrace:

· integrace:

2. těžiště:

$$\frac{2}{V} = \frac{1}{V} \iiint_{k} 2.N \, dr \, dz \, d\ell = \frac{1}{V} \int_{0}^{2T} \int_{0}^{h} \int_{0}^{\frac{1}{h}} \frac{1}{2} V \, dv \, dz \, d\ell = \frac{1}{V} \int_{0}^{2T} \int_{0}^{h} \frac{1}{2} \int_{0}^{2T} \frac{1}{2} V \, dv \, dz \, d\ell = \frac{1}{V} \int_{0}^{2T} \int_{0}^{h} \frac{1}{2} \int_{0}^{2T} \frac{1}{2} V \, dv \, dz \, d\ell = \frac{1}{V} \int_{0}^{2T} \int_{0}^{h} \frac{1}{2} \int_{0}^{2T} \frac{1}{2} \int_{0}^{2T}$$